

# Computer Users Catalog

Spring 1982



HEWLETT  
PACKARD



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70+ NEW  
PRODUCTS

# **HP Computer Museum**

**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**



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**HP Sales Offices  
 Indexes, How to Order**

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# HP Quality Tested Supplies It's Easy to Order the Best.

Yes, the HP Computer Users Catalog makes it easy for you to select and order quality tested HP supplies and accessories of all types — including more than 70 brand-new products on the following pages.

## Optimize Your HP Equipment Performance

You've undoubtedly come to expect excellent performance and dependable service from HP computer equipment. Our high-quality, off-the-shelf computer products — magnetic media, operating supplies, workstation furniture and more — are designed and tested to ensure they bring out the best performance in your HP computer equipment.

Supplies ordered from this catalog meet or surpass stringent compatibility requirements for use with HP equipment. You can expect longer, more trouble-free equipment life when using HP-tested (often, HP manufactured) media and supplies.

## It's Easy to Order from HP

Special fast-order direct phone lines for computer supplies are now available in many countries, offering on-line price and availability information. Of course, orders may be placed through local HP sales offices in areas not served by these special phone lines.

Whether you order via our special fast-service phone lines, or through your local HP sales office, be sure to keep this catalog nearby as a handy reference.



**NEW**

This symbol identifies each of the more than 70 new products introduced in this edition of the catalog.

### Save Money Two Ways

1. Take advantage of **HP Quantity Discounts**. They apply to most items in this catalog and can reduce your costs substantially.
2. **Minimize costly down time** by ordering supplies before you need them.





## Start Up Your System with HP Media & Supplies

You'll want to put your new HP computer system to work just as soon as it is delivered and installed. Why not place your initial HP supplies order at the same time you order your new system – so you will have what you need on hand for a smooth and fast start-up.

## Magnetic Media

The table below lists types and quantities of additional media we recommend you have available when you start up your new system. Quantities are for average requirements. If your application includes such things as private volumes, be sure to order additional quantities and take advantage of HP quantity discounts. HP Media details appear on catalog pages 2-9.

### Additional Media Recommended for System Startup

SYSTEM	FLEX DISC DRIVE		SYSTEM CONSOLE 264X	SYSTEM DISC DRIVE					TAPE DRIVE	
				7906H/M	7908/11/12P	7920M	7925M	7935M	7970E	7976A
85	If 5 1/4" Opt. 10 flex discs (box 92190A)	If 8" Opt. 10 flex discs (box 92195A)								
125	If 5 1/4" Opt. 10 flex discs (box 92190A)	If 8" Opt. 10 flex discs (box 92195A)								
250	10 flex discs (box 92195A) or	10 formatted (box 92195F)		1 cartridge (12940A)						
1000-L/5	10-20 flex discs (1-2 boxes 92190A)									
1000-L/10	10-20 flex discs (1-2 boxes 92195A)		10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)						
1000/40			10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)		1 pack (13394A)	1 pack (13356A)			
1000/45			10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)		1 pack (13394A)	1 pack (13356A)			
1000/60			10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)	5 high density data cartridges (1 box 88140L/S)	1 pack (13394A)	1 pack (13356A)			
1000/65			10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)	5 high density data cartridges (1 box 88140L/S)	1 pack (13394A)	1 pack (13356A)			
3000/III			10 mini- cartridges (2 boxes 98200A)			1 pack (13394A)	1 pack (13356A)		10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/30	10 flex discs (box 92195A)		10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)		1 pack (13394A)	1 pack (13356A)		10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/33	10 flex discs (box 92195A)		10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)		1 pack (13394A)	1 pack (13356A)		10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/40	If Opt. 010, 10 flex discs (1 box 92195A)		10 mini- cartridges (2 boxes 98200A)		5 high density data cartridges (1 box 88140L/S)	1 pack (13394A)	1 pack (13356A)	1 module (97935A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/44	10 flex discs (box 92195A)		10 mini- cartridges (2 boxes 98200A)	1 cartridge (12940A)		1 pack (13394A)	1 pack (13356A)		10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)
3000/65	If Opt. 010, 10 flex discs (1 box 92195A)		10 mini- cartridges (2 boxes 98200A)		5 high density data cartridges (1 box 88140L/S)	1 pack (13394A)	1 pack (13356A)	1 module (97935A)	10 reels 2400' (1 box 92150F)	10 reels 2400' (1 box 92150P)



## Printer/Plotter Supplies

Don't forget supplies for your printers and plotters. See beginning page 10 for impact printer ribbons, printwheels, and paper; beginning page 16 for plotter pens, paper and supplies; and beginning page 20 for desktop computer and thermal printer supplies. All required supplies for HP's new 2680A Laser Page Printer are available on page 15.

## ??Compatible Media??

There are very few, if any, companies in the world who have as high a rating for quality products as Hewlett-Packard. In developing high quality mass storage products, HP engineers spend many person-months just in designing and selecting the optimum (not just "compatible") media for their drives. Many vendors offer media "compatible" with some of HP's tape or disc drives; however, media from HP has been designed, produced and/or selected based on its superior performance characteristics on HP drives:

- Minimum media wear
- Minimum read/write head wear
- High data integrity

Tests by HP engineers on HP drives show significant differences between media in wear and data integrity characteristics. Only the media meeting very high performance specifications are approved for customer shipments, and therefore provide HP customers protection against the costs of service calls or lost data resulting from inferior media. HP's mass storage products, including HP media, treat your data with the respect it deserves. With our products, you can feel confident that you will obtain consistent, high-quality results.

## About HP Rigid Disc Media

Hewlett-Packard designs and manufactures disc drives offering exceptional performance and reliability over a wide range of environments. Using proper disc media is essential for the successful and optimum operation of these drives.

Every HP rigid disc pack and cartridge is 100% tested and certified for use on HP drives (see story page 4 on how HP makes and tests disc packs). Dynamic testing dramatically increases reliability by reducing surface imperfections or imbalances. Our media also undergo exhaustive electromagnetic data transfer testing under "worst case" conditions. This ensures optimum media error performance, as well as interchangeability of disc packs and cartridges between similar model disc drives.



1. HP 7906A Disc Drive; 2. HP 7935A Disc Drive/97935A Media Module; 3. HP 7908A Winchester Disc Drive with Tape Cartridge Backup

Because of the unique interdependence of total disc performance and the head/media interface, disc drive specifications and reliability can only be assured when using HP media products.

Two more reasons to use HP rigid discs:

1. They are formatted and ready for immediate use on their respective drives, saving up to 30 minutes per disc pack.
2. HP rigid discs are guaranteed to have available spare tracks on every surface.

Undesirable alteration of the media surface environment can result from improper cleaning. The cleaning of HP media products is, therefore, not recommended.

Any damage sustained by the heads or media, or any consequential damage resulting from the use of non-HP media or improperly cleaned media will not be covered under warranty or service contract.

## Rigid Discs

### Rigid Disc Cartridge, 2.5 Mb

**12869A Formatted Disc Cartridge.** Front loading.

For HP 7900A, 7901A.

9880B, 12960A, 12961A.

30110A Disc Drives and Subsystems.

QUANTITY (1-3 units)

DISCOUNTS (4-41)

(42+)



### Rigid Disc Cartridge, 9.8 Mb

**12940A Formatted Disc Cartridge.**

Front loading. For HP 7905A.

7906H/M/S, 12962C/D.

13180A/B Disc Drives

and Subsystems.

QUANTITY (1-3 units)

DISCOUNTS (4-41)

(42+)



92206D Rigid Disc Rack

**92206D Rigid Disc Rack.** Keep your cartridges right where you want them. Our mobile 9-disc capacity storage rack makes organization and retrieval of invaluable data and programs easy. This superior quality rack features heavy gauge steel wire with nickel-chrome plating. Rubber non-skid feet protect your furniture.

QUANTITY (1-2 units)

DISCOUNT (3+)

### Protective Bottom Cover for Disc Cartridges

**92206H Box of 6 Bottom Covers** for the HP 12940A and HP 12869A disc cartridges. Protects cartridge from damage caused by operator mishandling



## The 10 Steps to Quality in HP-Made Packs & Modules

1. Visually inspect raw disc platters.
2. Mechanically analyze for disc flatness and roughness.
3. Electronically evaluate magnetic properties.
4. Assemble into multi-disc packs (see photo).
5. Dynamically balance for vibration-free rotation.
6. Mechanically analyze, a second time, for disc flatness and roughness.
7. Burnish disc surfaces.
8. Magnetically purify (degauss) all surfaces.
9. Write permanent servo code bands on one disc in the pack.
10. Fully test each pack on a drive similar to yours under "worst case" conditions.



92206H Cartridge Cover

and minimizes contamination of disc surfaces.

- Easy to attach and remove.
  - Built-in latch keeps cartridge access door closed when not on drive.
  - Positive, safe horizontal stacking of up to six (6) cartridges.
  - Light weight—approximately 0.4 kilograms.
  - Made of heavy duty, high impact plastic.
  - Three sturdy positive action clips keep 92206H in contact with cartridge bottom preventing contamination build up.
- QUANTITY (1-2 boxes)  
DISCOUNTS (3+)

### Rigid Disc Pack, 50 Mb

**13394A Formatted Disc Pack.** For HP 7920H/M/S Disc Drives.

QUANTITY (1-5 packs)

DISCOUNTS (6-19)

(20+)



### Rigid Disc Pack, 120 Mb

**13356A Formatted Disc Pack.** For HP 7925H/M/S Disc Drives.

QUANTITY (1-5 packs)

DISCOUNTS (6-19)

(20+)



### Rigid Disc Module, 404 Mb

**97935A Formatted Media Module** for HP 7935 Disc Drives.

QUANTITY (1-4 modules)

DISCOUNTS (5-19)

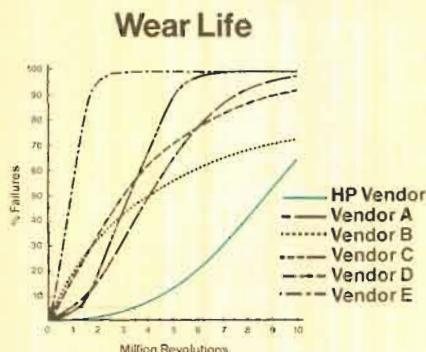
(20+)





## HP Flexible Discs Do Make a Difference

When you buy HP flexible discs, you are assured they are carefully matched to your HP disc drives for optimum performance. We select flexible discs for the HP label only after rigorous qualification tests based on three key characteristics – disc wear life (see graph) and error rate, and the disc manufacturer's ability to consistently meet our specs without batch-to-batch variations.



## Flexible Discs

Hewlett-Packard's premium quality flexible discs optimize performance of HP flexible disc drives.

### Flexible Discs, 1.2 Mb

#### 92195A Box of Ten 8 in.

**Double-Sided Flexible Discs** (unformatted) in protective envelopes.

Includes write-protect, jacket and storage box labels. For use with HP 250, 300, 3000/30, 3000/33 Systems and HP 9895A Disc Drives.

QUANTITY (1 box of 10)

DISCOUNTS (2-4)

(5-19)

(20+)



#### 92195F Box of Ten 8 in. HP 250 Formatted Double-Sided Flexible Discs.

Already initialized for use on your HP 250 system. Can save approximately 10 minutes of initializing time per disc. Use only on HP 250 systems.

QUANTITY (1 box of 10)

DISCOUNTS (2-4)

(5-19)

(20+)



### Flexible Discs, 0.5 Mb

#### 9164-0105 Box of Ten 8 in.

**Single-Sided Flexible Discs** (unformatted) in protective envelopes.

Includes write-protect, jacket and storage box labels. For HP 1000 models 20 & 25 (2174A/B & 2175A/B), 9896A Systems; 12732A & 12733A Subsystems;



9885M/S Disc Drive.

QUANTITY (1-2 boxes)

DISCOUNTS (3-9)

(10+)

**09885-90045 One Initialized Single-Sided Flexible Disc.** Required for 9885 M/S Drives used with 9825A/S Desktop Computers, before the 9164-0105 unformatted discs can be used.

**09885-90060 One Initialized Single-Sided Flexible Disc.** Required for 9885 M/S Drives used with 9831A Desktop Computers, before the 9164-0105 unformatted discs can be used.

### Flexible Discs, .25 Mb

#### 92190A Box of Ten 5.25 in.

**Double-Sided Flexible Discs**

(unformatted) in protective envelopes. Includes write-protect, jacket and storage box labels. For use with HP 82900 series Disc Drives, 9135A Disc Drive, HP 2642A Display Terminal and HP 9826/36 Desktop Computers.

QUANTITY (1 box of 10)

DISCOUNTS (2-4)

(5-19)

(20+)



### Flexible Disc Drive Head Cleaning Kits

HP recommends cleaning HP flexible disc drive heads when there is suspicion of contamination, after an incident of media damage, or when read errors are occurring at a higher than normal rate. HP's cleaning kits provide:

- 2 – cleaning discs
- 1 – 4 ounce bottle of cleaning solution



92193A/B Cleaning Kits

- 1 – easy-pour dispensing cap
- Instruction for running cleaning programs for various system/drive configurations

**92193A Head Cleaning Kits** for 5.25" Flexible Disc Drives.

**92193B Head Cleaning Kits** for 8" Flexible Disc Drives.

QUANTITY (1 kit)

DISCOUNTS (2-4)

(5+)

### Desktop File for Flexible Discs

Designed to provide protection, organization and easy retrieval of invaluable data and programs. This attractive, durable, smoke-colored acrylic file holds up to 60 discs. Aiding the organization and retrieval of discs are five index dividers with adjustable tabs.

**92194A Desktop File** for 5.25 in. flexible discs.

QUANTITY (1 unit)

DISCOUNTS (2-4)

(5+)



92194A Desktop File

**92194B Desktop File** for 8 in. flexible discs.

QUANTITY (1 unit)

DISCOUNTS (2-4)

(5+)



## Drive/Media Warranty

Any damage sustained to the heads or media, or any consequential damage resulting from the use of non-HP media or cleaned media is excluded from warranty or service contract coverage, but will be repaired subject to HP's standard time and material charges. Use of non-HP media or cleaned media, however, does not affect warranty or service contract coverage of other components of the drive not associated with the head-media interface.



92194G/H Portable Album File

## Portable Album File for Flexible Discs

Fragile flexible discs will be protected, organized and easily accessed because of several unique features of this filing system. Crimped pockets cushion each disc, preventing wrinkles or bends. The floating axle design eliminates additional stress if the binder is dropped or closed. Discs are kept secure in a vinyl cover with a velcro fastener. Easy and fast access and re-filing are aided by color-coded index stripes for each pocket. File organization is further enhanced with an index on the spine of the album for listing discs. Capacity - 20 discs.

**92194G Portable Album File** for 5.25 in. discs.

QUANTITY (1 unit)

DISCOUNTS (2-4)

(5+)

**92194H Portable Album File** for 8 in. discs.

QUANTITY (1 unit)

DISCOUNTS (2-4)

(5+)



92194J/K Easel Binder Kit

## Binder Storage for Flexible Discs

3-Hole, 1 1/2" Easel Binder Kit with 20 pebbled, static-resistant vinyl pages for safe, convenient and economical filing of flexible discs with supporting documentation. File cards are included to help identify each disc. The easel binder provides efficient access and replacement of the discs at the user's work station.

**92194J Easel Binder Kit** for 5.25 in. discs. Capacity 40 discs.

**92194K Easel Binder Kit** for 8 in. discs. Capacity 40 discs.

QUANTITY (1 kit)

DISCOUNTS (2-4)

(5+)

## 3-Ring Binder Pages for Flexible Discs

A package of 20 pebbled, static-resistant vinyl pages for filing flexible discs. File cards are included to help identify each disc.

**92194L Package of 20 Pages** for 5.25 in. discs. Capacity 40 discs.

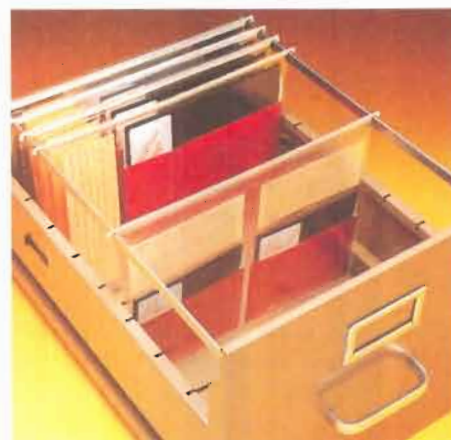
**92194M Package of 20 Pages** for 8 in. discs. Capacity 40 discs.

QUANTITY (1 pkg of

DISCOUNTS 20 pages)

(2-4)

(5+)



92194P/Q Hanging File Pages

## Hanging File Pages for Flexible Discs.

Protect and organize your valuable discs by filing them on any 311 mm (12.25 in.) wide suspension frame. These heavy-duty pages are made of pebbled, static-resistant vinyl. File cards are included to help identify each disc.

**92194P Package of 20 Hanging File Pages** for 5.25 in. flexible discs. Capacity 40 discs.

**92194Q Package of 20 Hanging File Pages** for 8 in. flexible discs. Capacity 20 discs.

QUANTITY (1 pkg of

DISCOUNTS 20 pages)

(2-4)

(5+)



92194T/U Attache Carrying Case

## Attache Carrying Case for Flexible Discs

Convenient traveling storage for up to 75 discs and 1 1/2 in. of printed materials (8 1/2 x 16 in.; 216 x 406 mm). The heavy gauge vinyl coated board, quality construction and deluxe locks and handle ensure protection and security for your valuable data and software.





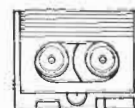
### Better Turn-on, Longer Life with HP Mini Data Cartridge

Through HP's new improved manufacturing processes, our HP 98200A mini cartridge now offers better turn-on (start-up) performance and longer operating life – minimum 6000 cycles (a cycle is one round-trip pass of the tape from one end to the other, and return), in most general-use applications. Actual performance will vary, depending on specific application.

NOTE: All mini cartridges work best when "conditioned" before use (by making one total forward/rewind cycle), and by rewinding after each use.

### Mini Data Cartridges

**98200A** Box of 5 Minicartridges, each with own protective plastic box.



These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electromagnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity.

Used with HP series-1000 and 3000 Computer Systems; HP 264X-series Display Terminals; HP 85A, 9815A/S, 9825A/S, 9831A, 9835A/B (System 35) and 9845A/B/C/S/T (System 45) Desktop Computers; HP 9915A option 001 Modular Computer, 9875A, 9877A Tape Units. Also used on non-HP products where reliable, high-performance minicartridges are desired. For larger end-user and OEM quantity discounts, contact us.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20+)

**92194T** Attache Carrying Case for 5.25 in. flexible discs.

**92194U** Attache Carrying Case for 8 in. flexible discs.

QUANTITY (1-2)  
DISCOUNT (3+)

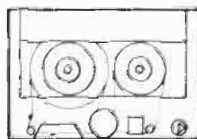
**92194S** Box of 5 Mailers for 8 in. Flexible Discs. Each mailer holds up to 5 discs.

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5+)

### Tape Cartridges

#### High Density Data Cartridge

These formatted data cartridges are used for backup with the HP 7908/11/12 disc drives. Secondary uses are as a data exchange medium among HP systems, Personal I/O (software distribution), and data/transaction logging. Preformatted into 1K user data blocks.



**88140L** Box of 5 Cartridges (67Mb), each with own protective plastic box.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20+)

**88140S** Box of 5 Cartridges (16Mb), each with own protective plastic box.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20+)



**92194D** Desktop File

### Minicartridge Storage

**92194D** Desktop File for Mini Data Cartridge. Designed to provide protection, organization and easy retrieval of invaluable data and programs. This attractive, durable, smoke-colored acrylic file holds up to 24 mini data cartridges (HP 98200A).

QUANTITY (1 unit)  
DISCOUNTS (2-4)  
(5+)



**92194R/S** Flexible Disc Mailer

### Flexible Disc Mailers

These mailers provide a stress-free journey for up to 5 discs mailed in envelopes or carried in a briefcase. The heavy duty vinyl construction gives a clean, sturdy and reuseable technique for distributing programs and data on flexible discs. The velcro fastener is secure, eliminating any pressure on the discs during opening and closing.

**92194R** Box of 5 Mailers for 5 1/4 in. Flexible Discs. Each mailer holds up to 5 discs.

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5+)





92206A Mini Data Cartridge Rack

**92206A Mini Data Cartridge Rack.** Mobile and Stackable! Chrome-finished steel racks are designed for fingertip accessibility of up to 16 minicartridges or digital cassettes. Racks are stackable for space saving convenience. Buy 3 and save.

QUANTITY (1-2 units)

DISCOUNT (3+)



92167M/N Minicartridge Binder and Insert

**92167M Storage Binder** holds 6 minicartridges inside front cover. The minicartridges are held secure in the molded storage compartments while in their protective plastic boxes. One or two molded binder inserts can be placed in this binder increasing the storage capacity to 12-18 minicartridges (see 92167N).

Documentation pertinent to the data and programs recorded on the cartridges can be organized in the standard 2 in. 3-ring mechanism and in a vinyl pocket inside back cover. Protection for the 3-hole documentation is provided by two sturdy page protectors. The outside of the binder is finished in padded bone-colored vinyl.

QUANTITY (1 binder)

DISCOUNT (2-4)

(5+)

**92167N Molded Binder Insert.** Package of 3 inserts. Each insert holds 6 minicartridges (while in their plastic boxes) and can be held by the sturdy brass-ringed eyelets in a 3-ring binder (sizes 1/2 in. and up). The molded storage compartments are the same quality design and construction as used in the 92167M storage binder. These inserts provide an excellent technique for consolidating programs and data on minicartridges with supporting documentation in standard 3-ring binders. One or two inserts can be added to the storage binders increasing the storage capacity to 12-18.

QUANTITY (1 pkg of 3)

DISCOUNT (2-4)

(5+)

### Digital Tape Cassettes

**9162-0050 Individual Digital Cassette.** With HP label and index card, and sealed in a plastic storage box. Used with HP 9821A Calculator, 9830A/B Desktop Computer, 9865A Cassette Memory; also non-HP products requiring high-quality digital cassettes.



**9162-0053 Unlabeled Individual Digital Cassette.** Identical to HP 9162-0050, but without HP label. For OEM and other customers who record their own software and prefer to apply their own labels.

QUANTITY (1-9)

DISCOUNT (10-99)

(100+)



92194C Desktop Cassette File

### Desktop File for Cassettes

**92194C Desktop File for HP Digital Cassettes.** Designed to provide protection, organization and easy retrieval of invaluable data and programs. This attractive, durable, smoke-colored acrylic file holds up to 18 digital cassettes.

QUANTITY (1 unit)

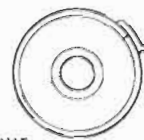
DISCOUNT (2-4)

(5+)

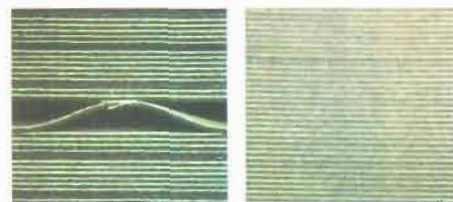
## Magnetic Tape

### Premium Magnetic Tape

HP's 1/2 in. computer tape has an extra layer for extra protection of your valuable data. HP tape has a textured



substrate (backside coating) which helps protect your data by protecting itself in day-to-day storage and operational use. The backside coating allows air lubrication between tape layers, enabling uniform sliding and the reduction of cinching, thus less lateral tape movement and fewer worn or damaged edges that result in lost data.



HP tape reduces cinching, resulting in fewer damaged tape edges and helping to avoid lost data.

The exposed polyester backside on conventional tapes is a major cause of debris that can create dropouts and attendant information loss. HP's new tape with its textured substrate backing resists scratching and the generation of debris. At the same time, HP tape resists static attraction of airborne particles.



HP tape resists scratching, minimizing dropout-causing debris.

HP back-coated tape means:

**Less**

- Edge damage
- Contamination
- Distortion

**Better**

- Data integrity
- Protection of your information

Certified to 6250 BPI. Use on all HP 7970, 7971 and 7976 Tape Units and HP tape subsystems using 1/2 in. (12.7 mm) wide tape.

**92150D Box of Ten 600 ft. (183 m)**

**Tapes on reels, in seals** (Supersedes 92150A)

QUANTITY (1 box of 10)

DISCOUNTS (2-5)  
(6+)

**92150E Box of Ten 1200 ft. (366 m)**

**Tapes on reels, in seals** (Supersedes 92150B)

QUANTITY (1 box of 10)

DISCOUNTS (2-5)  
(6+)

**92150F Box of Ten 2400 ft. (732 m)**

**Tapes on reels, in seals** (Supersedes 92150C)

QUANTITY (1 box of 10)

DISCOUNTS (2-5)  
(6+)

**92150P Box of Ten 2400 ft. (732 m)**

**Tapes on reels, in Easy Load II Cartridges.** Used with 7976 Auto Load Tape Drives.

QUANTITY (1 box of 10)

DISCOUNTS (2-5)  
(6+)

**Magnetic Tape Accessories**

**92150Q Box of 10 Empty Easy Load II Self-threading Cartridges.** To be used on

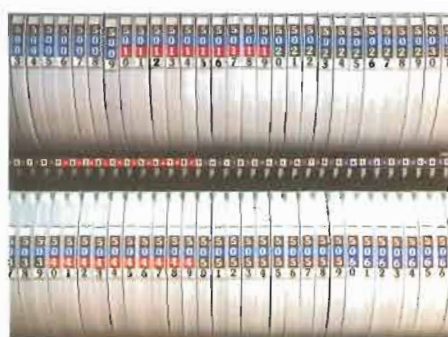
2400' tapes (10 1/2" reels) when using the auto-load feature on HP 7976 tape drives.

QUANTITY (1 box of 10)

DISCOUNTS (2-5)  
(6+)

**Mag Tape Storage Cabinet**

See 92172D, page 37.



92150L Mag Tape Color/Numbering Kit

**92150L Mag Tape Color/Numbering Kit.** Prevent misfiling! Our simple color-coded numbering system will help you eliminate misfiles in your magnetic tape library. 1000 Labels (numbered 0-999).

- Designed with pressure sensitive labels, which are inserted into label area of Tape-in-Seal cartridges.
- Each label is provided with location tab which can be used on library tape racks or cabinets to quickly identify filing spot.

**92150R Tape Crimper.** Hand-operated carbon steel cutter which forms and cuts the end of 1/2" mylar computer tape for positive loading on HP 7976 Auto Load Tape Drives.

QUANTITY (1-2)

DISCOUNT (3+)



92150T Transport/Carrying Case

**92150T Transport/Carrying Case** for 2400' magnetic tapes. Holds up to six (6) reels in either tape seals or Easy Load Cartridges. This case combines durable polyethylene and quality construction on the outside with shock-absorbing foam on the inside, insuring reliable protection when carrying or shipping your valuable data and software. Built-in hasp for your personal padlock.

QUANTITY (1-2 cases)

DISCOUNT (3+)



92206T Magnetic Tape Rack

**92206T Magnetic Tape Rack.** Organization means time savings! Our mobile 15 reel capacity storage rack will help you and your people stay organized. Chrome-finished steel rack designed for use with 600', 1200', or 2400' tapes in seals. Order today and transform your desk or shelf into an organized data library. Buy 3 and save.

QUANTITY (1-2 units)

DISCOUNT (3+)

**Magnetic Alignment Tape**

**9162-0027 Head Alignment Tape.** Has tracks, recorded at 800 BPI, precisely located on its 600 ft. (183 m) length. Used during testing or adjustment of 7- and 9-track head alignment on 1/2 in. (12.7 mm) tape units. In protective canister.

**Magnetic Tape Head Cleaning Supplies**

Although HP does not recommend the cleaning of rigid or flexible disc media we do recommend the periodic cleaning of tape heads, capstans and guides on tape units and those products using high-density data cartridges and mini data cartridges. Such cleaning prolongs tape/head life, and it helps reduce read/write errors due to dust and oxide build-up.

**8500-1251 Magnetic Head Cleaner Solution.** Container of 4 fluid ounces; use with swabs listed below.

**9300-0468 Box of 50 Lint-Free Swabs.** Soft urethane foam tips on long wooden shafts. Use 9300-0767 for cleaning the high-density data cartridge.

**9300-0767 Package of 50 Lint-Free Swabs with Plastic Handles.** Recommended for use in cleaning tape head and capstan in HP 7905/11/12 tape transports. Use with 8500-1251 magnetic head cleaner.





## Desktop/Personal Computer Software

See page 40.

## Desktop Computer Tables

See page 33.

## HP-IB (IEEE-48) Cables

See page 25.

### HP 80 Series

## HP Series 80 Personal Computers

**82931A** Box of 2 Rolls Thermal Paper, Blue Print.

QUANTITY (1-4 boxes)

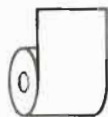
DISCOUNT (5+)

**82954A** Box of 2 Rolls Thermal Paper, Black Print.

QUANTITY (1-4 boxes)

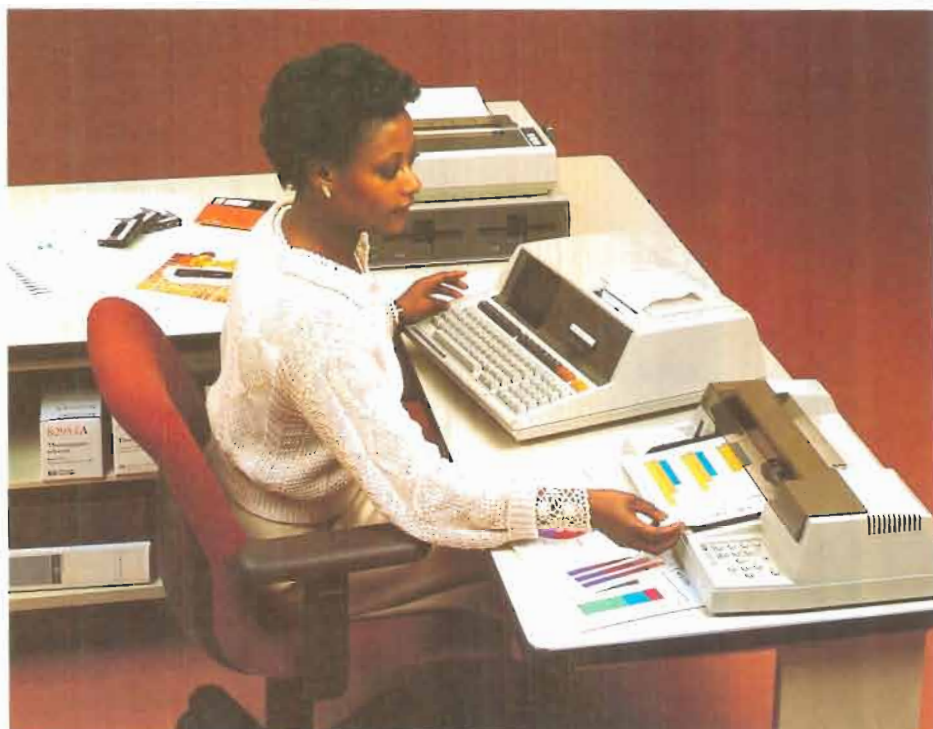
DISCOUNT (5+)

**82932A** Tape Cartridge, Flexible Disc, & Documentation Binder.



82933A Carrying Case with HP-85 inside

**82933A** HP-83/85 Carrying Case. This soft-vinyl carrying case is designed with foam padding to protect your HP-83/85.



HP 85 Personal Computer

## 13269A HP-83/85 Shoulder-Strap Carrying Case.

This soft-vinyl case is perfect for safely transporting your HP-83/85 across town or around the world. The soft shoulder-strap makes transporting easy.



## 82935A Three-Ring System Literature Binder.

## 82948A HP-83/85 Dust Cover.

Designed of durable dark tan cloth to protect your personal computer.

**82955A** HP-87 Dust Cover. Protect your valuable personal computer with this durable, dark tan cloth cover.

QUANTITY (1 cover)

DISCOUNT (2+)

**Mini Data Cartridges** (98200A; listed under 9825A Desktop Computers)



## 82905A/B Printer

See Page 19.

### HP 125 System

## HP 125 Personal Computer

**92160A** Box of 24 Rolls Thermal Paper, Blue Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-24)  
(25+)

**92160B** Box of 24 Rolls Thermal Paper, Black Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-24)  
(25+)

**9282-0929** HP 125 Business Assistant Binder. This three-ring

binder is designed for HP 125 system manuals and other documentation.

## Flexible Discs

See page 5.

## Cables

See page 25.

## HP 2600 Series

### 2601A Daisywheel Printer

**92151C Box of 12 Multistrike Cartridges** (Supersedes 92151A). Reel-to-reel high capacity ribbon cartridges; 235,000 characters depending on application. Use with 92153 Series metal print wheels for high quality word processing results. Black Print.



QUANTITY (1 box)  
DISCOUNTS (2-3)  
(4+)

**92151D Box of 12 Fabric Ribbon Cartridges** (Supersedes 92151B). Continuous cycle feed ribbon cartridges; 1 million characters. Use with 92252 Series plastic print wheels for normal data printing applications. Black Print.



QUANTITY (1 box)  
DISCOUNTS (2-3)  
(4+)



**Print Wheels.** The HP 2601A offers complete interchangeability between metal and plastic daisy print wheels. Plastic print wheels are economical and produce good print quality for normal usage. The metalized print wheels have a metal coating that increases their durability and when used with the 92151C ribbons, produce excellent print quality for word processing or other applications requiring a high quality print image. The pitch or characters per inch is usually identified in the print wheel title, i.e., a 10 represents a 10-pitch and 12 is 12-pitch. The courier 72 is an exception; it is 10-pitch. A PS indicates a proportionally spaced wheel. This allows the printing system to adjust character spacings so that the size and density of each character is balanced with surrounding empty space.

**92252 Series Plastic 96-Character Wheels, box of 6.** (Supersedes 92152 series).

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5+)

See page 12 for available type styles.

**92153 Series Metalized 88-Character Wheels.**

QUANTITY (1-2 wheels)  
DISCOUNTS (3-5)  
(6+)

See page 12 for available type styles.

**92153 Series Metalized 96-Character Wheels.**

QUANTITY (1-2 wheels)  
DISCOUNTS (3-5)  
(6+)

See page 12 for available type styles.



**92167W Print Wheel Album.**

**92167W Print Wheel Storage Album.** Organize your HP 2601A daisy print wheels with our Print Wheel Storage Album. It has a capacity of 6 print wheels and is ruggedly constructed to prevent damage while providing a dust free storage environment. Snap the print wheels in place, close cover and store this handsome album wherever you like. Bone color with black accent. Size is 9½ x 11½ in. Order several and save.

QUANTITY (1-2 albums)  
DISCOUNTS (3-4)  
(5+)



**HP 2601A Printer with 92177A Sound Pad**

**92177A Sound Absorbing Pad.** Help quiet your 2601A or other printers. The main body is made of high quality felt, treated with a stiffening agent which allows continuous lateral motion without fiber

breakdown. The non-skid rubber bottom holds the pad firmly on your stand or desk, thus preventing "printer creep." The top corners are impregnated with a layer of latex to hold your printer firmly on the pad. Size is 18 x 22 in. (457 x 559 mm). Order several and save.

QUANTITY (1 pad)  
DISCOUNTS (2-4)  
(5+)



**HP 2601A inside 92177E Sound Enclosure**

**92177E Sound Enclosure.** Reduce unwanted noise in your office or work area up to 30%! This sound enclosure is specifically designed to quiet the HP 2601A Printer. The construction of the cabinet allows outside access to the platen knob and front control panel of the printer. A slot in the rear panel allows use of continuous forms. The top is an easy-to-open acrylic shield which holds in any position.

A whisper quiet fan with on-off switch keeps your printer running cool. An electrical plug on the rear of the enclosure is an added safety feature. It allows you to plug in your printer and turn it on or off by using the fan switch. This helps ensure that the fan will be on when the printer is operating, preventing heat build up in the enclosure. Shipped assembled and ready to install. Color is gray sides, dark gray top and back. Size is 25¾ W x 22½ D x 14½ H in. (653 x 572 x 368 mm). Electrical requirement 110 VAC, 60 Hz.

NOTE: Shipped by truck.

**92177F Sound Enclosure.** This enclosure is equipped with a 220VAC cooling fan, heavy duty line cord and a CEDEC (See page 27, CEE7-VII) standard plug for European use. Other specifications are the same as 92177E.



## HP 2601A

## Plastic Print Wheels – 96 Character

## Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252A

## Courier 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252B

## Manifold 10

ABCDEFGHIJKLMNPOQRSTUVWXYZABCDEFGHIJKLMNPOQRSTUVWXYZ  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252C

## APL-10

abcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252D

## OCR-A 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252E

## OCR-B 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252F

## Courier Legal 10A

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252G

## Elite 12

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252H

## Prestige Elite Legal 12A

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252J

## Courier 72

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252K

## General Scientific 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252L

## Scandia Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252M

## Pica Norsk 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252N

## German Pica 10A

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252P

## French Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252Q

## British Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252R

## Spanish Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252S

## Kana Gothic Elite 12

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92252T

## Metalized Print Wheels – 88 Character

## Titan 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153A

## Pica 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153B

## Elite 12

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153C

## Letter Gothic 12

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153D

## Bold PS

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153E

## Metalized Print Wheels – 96 Character

## Titan 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153U

## Financial 10

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153V

## Cubic PS 96

ABCDEFGHIJKLMNPOQRSTUVWXYZabcdefghijklmnopqrstuvwxyz  
0123456789 ~@,.;:~+&#%{}[]()>=<~'~?~!@\*/\&"

## Part Number 92153W

Note: Typestyle examples are photographically reduced.

See page 11 for print wheel descriptions and ordering information.

**26010A Bidirectional Forms Tractors.** Add the convenience of continuous forms to your HP 2601A printer. The tractors install easily over existing platen and are advanced as the platen turns. The tractor wheels are adjustable to accept up to 16 in. form widths. With the forms tractors installed, the HP 2601A will fit completely inside the 92177E/F sound enclosures.

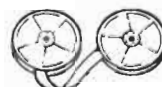
## 2607A Dot Matrix Line Printer

Following supplies are also used with HP 9881A Printer and 12987A Subsystem. Paper Widths Accepted: 4.0 in. (100 mm) minimum; 14.8 in. (377 mm) maximum.

## 9282-0531 Individual

Nylon Ribbon (mini-

minimum order 6). Black.  
QUANTITY (6-23  
DISCOUNT ribbons)  
(24+)



**02607-80024 Individual Pre-Punched VFU Tape.** 66 lines per page.

**02607-80015 Roll of 8-Channel Blank VFU Tape.** 20 ft. (6.1 m) long.

**02607-60230 VFU Tape Kit.** Roll of blank tape, plus 20 splices.



## 2608A Dot Matrix Printer

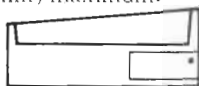
Paper Widths Accepted: 4.9 in. (125 mm) minimum; 16.1 in. (385 mm) maximum.

### 92158A Box of 3 Ribbon Cartridges.

HP-designed mobius loop construction; long ribbon life averaging 30 million characters. Black.

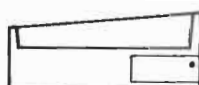
QUANTITY (1-2 boxes)

DISCOUNTS (3-7)  
(8+)



### 92158M Box of 3 Ribbon Cartridges

for optical Mark Recognition Applications. Black print, 3 million characters. Same price and quantity discounts as 92158A.



**02608-60091 Package of Layout Forms.** Total 250 sheets on 5 pads.

**02608-60092 Package of 10 Alignment Guides** (printers with chrome tractors).

**92159A Package of 10 Alignment Guides** (printers with black tractors).

**26004A Sound Cover Kit.** Designed to quiet your 2608A Printer. Included in the cover is a built-in static eliminator which reduces paper static buildup and aids in proper paper stacking.



## 2613A Line Printer

Following supplies also used with HP 12975A Subsystem.

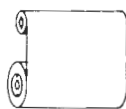
Paper Widths Accepted: 4.9 in. (124 mm) minimum; 16.7 in. (426 mm) maximum.

### 9282-0545 Individual Nylon Ribbon, on 2 rolls.

Prints Blue/Black. Also used with HP 2617A Printer.

QUANTITY (1-3 ribbons)

DISCOUNT (4+)



**Individual Pre-Punched VFU Tape.** Also used with HP 2617A, 2618A and 2619A Printers.

**02613-80001** (66 lines/page)

**02618-80003** (88 lines/page)

## 2617A Line Printer

Following supplies also used with HP 13053A Subsystem.

Paper Widths Accepted: 4.0 in. (100 mm) minimum; 16.7 in. (426 mm) maximum.

**Ribbon and VFU Tape:** Same as for HP 2613A Printer.

## 2618A Line Printer

Following supplies are used with HP 12983A Subsystem.

Paper Widths Accepted: 4.0 in. (100 mm) minimum; 19.0 in. (495 mm) maximum.

### 9282-0543 Individual Nylon Ribbon, on 2 rolls. Prints Blue/Black.

QUANTITY (1-3 ribbons)

DISCOUNT (4+)

**VFU Tape:** Same as for HP 2613A Printer.

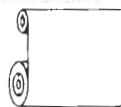
## 2619A Line Printer

Paper Widths Accepted: 3.5 in. (89 mm) minimum; 19.5 in. (495 mm) maximum.

### 1535-3914 Individual Nylon Ribbon, on 2 rolls. For normal print applications. Prints Blue/Black. Dimensions: 14 in. x 15 yards x .005 in.

QUANTITY (1-2 ribbons)

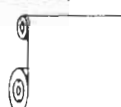
DISCOUNTS (3-11)  
(12+)



**92230A Individual Nylon Ribbon, on 2 rolls. For high quality print applications. Prints Black. Dimensions: 14 in. x 18 yards x .004 in.**

QUANTITY (1-2 ribbons)

DISCOUNTS (3-11)  
(12+)



**VFU Tape:** Same as for HP 2613A Printer.

**9300-0750 Package of 3 Vacuum Bags** (minimum order 5 packages).

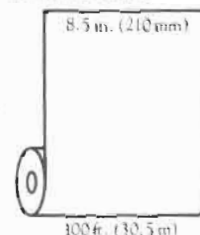
NOTE: locally-available regular Type G short bags (Hoover PN 43651-060) may be used.

**VFU Tape Punch/Splicer**

See page 24.

## 262X Interactive Terminals

HP thermal papers for this terminal are especially manufactured to yield high-quality, fade-resistant hard copy at fast print speeds. In addition, they are smooth-surfaced to prevent excessive print head wear.



### 92160A Box of 24 Rolls Thermal Paper, Blue Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-24)  
(25+)

### 92160B Box of 24 Rolls Thermal Paper, Black Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-24)  
(25+)

**1420-0259 Battery for 262X Terminals.**



2631B Dot Matrix Printer

## 2631A/B Dot Matrix Printer

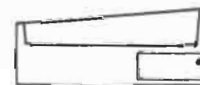
Paper Widths Accepted: 2.2 in. (56 mm) minimum; 15.7 in. (400 mm) maximum.

### 92155A Box of 3 Ribbon Cartridges.

Especially designed by HP for the 263X family of printers. For best printing results, use the original! Mobius loop construction; average 15 million characters per cartridge. Black Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-7)  
(8+)



## Impact Printer Paper

See pages 23 and 24.

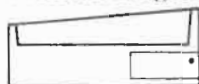


## 2631G Graphics Printer

Uses same supplies as HP 2631A/B Printer.

### 92155B Box of 3 Ribbon Cartridges for Bar Code Printing Applications.

Used with HP 2631G Opt.



200 Graphics Printer only. Black Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-7)

(8+)

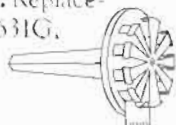
### 92154G Print Head. Replace-

ment Print Head for 2631G.

Opt. 200. Also fits

other 263X-series

printers.



QUANTITY (1-2 heads)

DISCOUNT (3+)

## 2635A/B Printing Terminal

Paper Widths Accepted: 2.2 in. (56 mm)

minimum; 15.7 in. (400 mm) maximum.

Uses same supplies as 2631A/B Dot Matrix

Printer. See page 23 for printer paper.

## 2639A Printing Terminal

Uses same supplies as HP 2635A/B above.

## 263X Family Sound Cover

26090A Sound Cover. Help

quiet your HP

2630 family print-

ers with this easily in-

stalled sound abate-

ment cover. It will reduce

printing noise up to 10

dB. Includes mounting

clips, paper intake shield and instructions.



## Terminal Tables

See page 33.

## Copy Holder

See page 35.

## Terminal Cables

See page 25.

## Printer Paper

See pages 23, 24.



13269B Carrying Case

## 2382A Office Display Terminal



### 13269B Carrying Case

Make carrying easy and protect your HP 2382A terminal with this rugged, soft-sided vinyl case with a handy shoulder strap. An internal pocket holds the keyboard and keeps it from vibrating against the display monitor. Space is provided to slip a small

modem inside.

QUANTITY (1-2)

DISCOUNT (3+)

## 264X-Series Display Terminals

Following supplies are used with HP Models

2640 through 2649 CRT Display Terminals.

92190A Flexible Discs for HP 2642 A.

See page 5.

98200A Box of 5

Minicartridges, each

with own protective

plastic box. For HP ter-

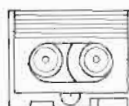
minals equipped with minicartridge drive.

QUANTITY (1 box of 5)

DISCOUNTS (2-4)

(5-19)

(20-99)



Your terminal's minicartridge drive should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page 9.



92171F Printer/Plotter Stand

### 92171F Printer/Plotter Stand for 264X-Series Terminals.

Save valuable work station surface area with this platform, which provides a level surface for your terminal printer or plotter. There are many other uses for this versatile terminal accessory. (Slots are provided for the front feet of the 2671-series Printers.)

QUANTITY (1-2)

DISCOUNT (3+)

7120-5525 Individual Blank Key

Overlay (minimum order 5).

Label template fits around user-defined "soft" keys on terminal.



## Terminal Glass & Keyboard Cleaner

8500-0039 Inert, Anti-Static Cleaning Fluid. In convenient 6-fluid ounce pump spray container.

## 2671-Series Thermal Printers

The following thermal papers are for use with the HP 2671A, 2671G and 2673A Thermal Printers.

92160A Box of 24 Rolls Thermal Paper, Blue Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-23)

(24+)

92160B Box of 24 Rolls Thermal Paper, Black Print.

QUANTITY (1-2 boxes)

DISCOUNTS (3-23)

(24+)



HP 2680A Laser Page Printer

**92160C Box of 24 Rolls Perforated Thermal Paper, Black Print.** Final Size: 8½ x 11 in. (210 x 279 mm).

QUANTITY (1-2 boxes)  
DISCOUNTS (3-23)  
(24+)

**92160M Box of Fan-Fold Thermal Paper, Blue Print.** Each box contains 4 packs of 330 sheets each, page perforated thermal paper (1320 sheets per box total). Size: 8½ x 11 in. (210 x 279 mm).

QUANTITY (1 box)  
DISCOUNTS (2-5)  
(6+)

**92160N Box of Fan-Fold Thermal Paper, Black Print.** Each box contains 4 packs of 330 sheets each, page perforated thermal paper (1320 sheets per box total). Size: 8½ x 11 in. (210 x 279 mm).

QUANTITY (1 box)  
DISCOUNTS (2-5)  
(6+)

## 2675A Printing Terminal

Uses same paper supplies and battery as HP 262X Terminals. Also uses 98200A Minicartridges.

## 2680A Laser Page Printer

**92180A Toner.** Specially formulated for HP 2680A Laser Page Printer. Meets HP warranty requirements. Box of 12 one kilogram bags. Depending on print density, one kilogram will provide 16 to 20,000 pages of output. Six boxes is 6-months supply under normal usage.

QUANTITY (1-2 boxes)  
DISCOUNTS (3-9)  
(10-17)  
(18+)

**92181A Disposal Containers.** Box of 6 plastic containers for collection and clean disposal of used toner. Two boxes is 6-months supply under normal usage.

QUANTITY (1-2 boxes)  
DISCOUNTS (3-5)  
(6+)

**92182A Carrier.** Box of 24 bottles for replenishing the electrophotographic process of the HP 2680A. One box is 6-months supply under normal usage.

**92183A Splicing Tape.** One box contains 6 rolls of splicing tape for joining boxes of continuous forms on the splicing table. One box is 6-months supply under normal usage.

**92184A 18 lb. (69 gm/sq. meter) Continuous Fan-Fold Paper.** Dimensions are 12 x 8.5 in. (305 x 216 mm), including pin feed strips. Yields 11 x 8.5 in. (279 x 216 mm) finished copies. 3600 Sheets per box, 45 boxes per pallet. Sold only in pallet load quantities, minimum order one pallet. 9 pallets is 6-months supply under normal usage.

QUANTITY (1-2 pallets)  
DISCOUNTS (3+)

## HP 2700 Series

### 2749B Teleprinter

**9280-0046 Individual Roll Printer Paper** (Sold in multiples of 12 only). White bond, friction feed.

Each roll 8 in. (203 mm) wide, 370 ft. (113 m) long.

QUANTITY (12-24)  
DISCOUNT (36+)

**9282-0524 Individual Nylon Ribbon** (minimum order 6). Prints Black.

QUANTITY (6-11 ribbons)  
DISCOUNTS (12-35)  
(36+)

**92231B Paper Perforator Tape,** Box of 28 Rolls. (Supersedes 9280-0063). Oiled gray paper tape, 1 in. (25.4 mm). Each roll 1000 ft. (305 m) long.

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-9)  
(10+)

### Mylar Perforator Tape

**0460-0747 Roll of Aluminized Mylar Tape;** 25.4 mm (1 in.) wide, 305 m (1000 ft.) long. Gold/Green color.

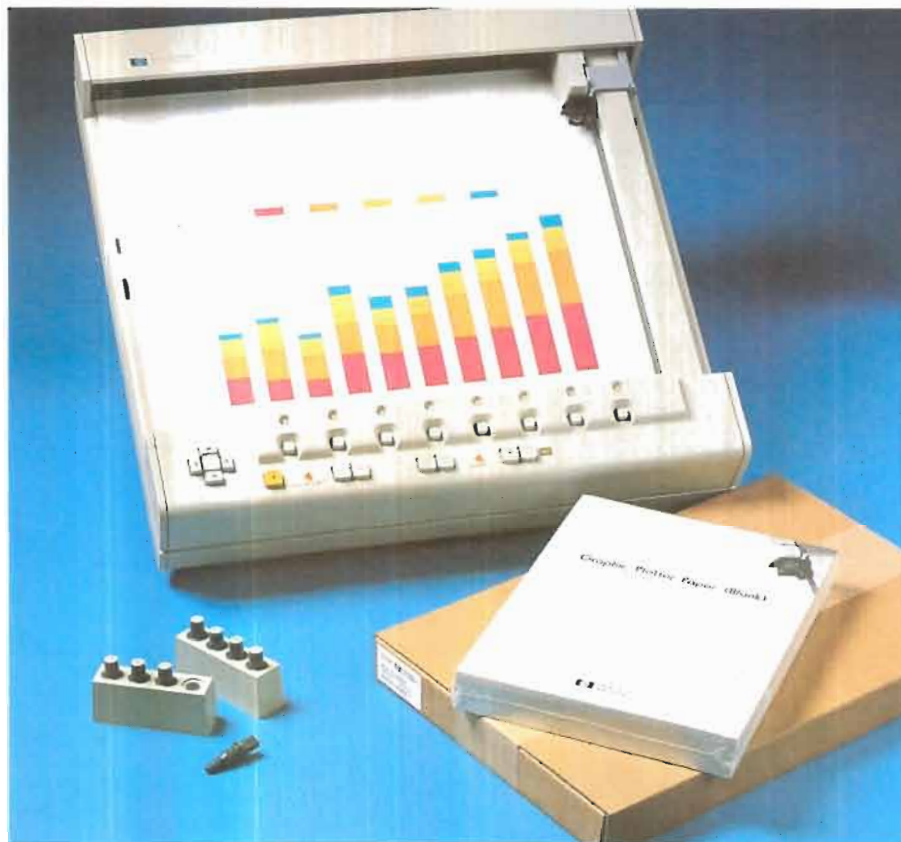
### 2752A Teleprinter

Uses same supplies as HP 2749B.

### 2754B Heavy Duty Teleprinter

Uses same ribbon and perforator tape as HP 2749B. Also uses 9280-0705 impact printer paper. See page 24.





HP 7221C Graphics Plotter

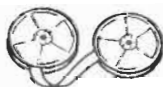
**2762A Terminal Printer**

**Roll Printer Paper.** See 9280-0046 listed under 2749B Teleprinter.

**Fan-Fold Printer Paper.** See 9280-0705, page 24.

**1535-2577 Individual Ribbon** (minimum order 6). Prints Heavy Black.

QUANTITY (6-11 ribbons)  
DISCOUNT (12+)

**2762B Terminal Printer**

Uses same fan-fold paper and ribbon as HP 2762A.

**2767A Line Printer**

**Paper Widths Accepted:** 4.0 in. (100 mm) minimum; 9.8 in. (249 mm) maximum.

**9300-0427 Individual Nylon Ribbon,** on 2 rolls. Prints Blue/Black.

QUANTITY (1-3 ribbons)  
DISCOUNTS (4-35)  
(36+)

**2894A Card Reader Punch**

**9260-0373 Individual Ink Cartridge.**

**3075A, 3076A & 3077A Terminals**

**82045A Box of 6 Rolls Thermal Printer Paper.**

**8500-1251 Magnetic Stripe Reader Cleaning Fluid.** See page 9.

**HP 7200-7500 Series****Blank Plotter Papers**

**Pad of 50 Small Sheets** (Blank White), available in two sizes: Metric, A4-size (210 x 297 mm) and English (8.5 x 11 in.). For all HP graphic pen plotters.

**9280-0588** (Metric)

**9280-0589** (English)

QUANTITY (1-4 pads)  
DISCOUNTS (5-29)  
(30+)

**9280-0517 Box of 300 Small Sheets,** each 8.5 x 11 in. For all HP graphic pen plotters.

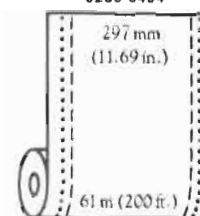
**9280-0518 Box of 300 Large Sheets,** each 280 x 420 mm (11 x 16.5 in.) For larger plotters such as HP 7200A, 7202A, 7203A, 7210A, 7220A/C/S/T, 7221A/B/C/S/T, 9125A, 9862A, 9872A/B/C/S/T.

**9280-0519 Box of 300 Metric Sheets,** A4-size (210 x 297 mm). For all HP graphic pen plotters.

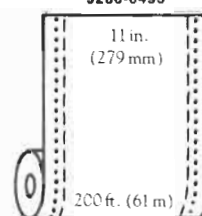
**9280-0180 Box of 100 Large Sheets** (3-hole punched with HP logo), each 280 x 420 mm (11 x 16.5 in.). For larger plotters such as HP 7200A, 7202A, 7203A, 7210A, 7220A/C/S/T, 7221A/B/C/S/T, 9125A, 9862A, 9872A/B/C/S/T.

QUANTITY (1-16 boxes)  
DISCOUNTS (17+)

9280-0494



9280-0493



**Individual Roll Plotter Paper** for HP "S" and "T" Model Plotters, 61 m (200 ft.) long. Available in Metric (297 mm) or English (11 in.) widths. For HP 7220S/T, 7221S/T and 9872S/T Plotters.

**9280-0494** (Metric)

**9280-0493** (English)

QUANTITY (1-5 rolls)  
DISCOUNTS (6+)

**Printed Plotter Papers**

**Box of 100 Large Sheets, Standard Grid,** available in two weights and two grid sizes:

Metric (250 x 380 mm grid dimension printed on 280 x 420 mm) and

English (10 x 15 in. grid dimension printed on 11 x 16.5 in.)

**9270-1024** Metric Grid—Heavy Wt.

**9270-1042** Metric Grid—Light Wt.

**9270-1004** English Grid—Heavy Wt.

**9270-1005** English Grid—Light Wt.

**Box of 100 Small Sheets, Standard Grid,** available in two weights and two grid sizes:

Metric (180 x 250 mm grid dimension printed on 216 x 280 mm) and

English (7 x 10 in. grid dimension printed on 8.5 x 11 in.)

**9270-1023** Metric Grid—Heavy Wt.

**9270-1027** Metric Grid—Light Wt.

**9270-1006** English Grid—Heavy Wt.

**9270-1007** English Grid—Light Wt.



## HP Plotter Supplies Bring Out the Best in HP Graphic Devices



We rigorously sample-test our pens from in-production and completed units, to make sure ink brightness and line widths meet HP quality standards.

### Yes, We Make Our Own Plotter Pens at HP

In graphics plotting, the pen is the most critical and essential link between a high-performance machine and high-quality plotted results. For this reason we design and manufacture our own pens to extremely stringent specifications. This way, we know you will be assured of optimum performance from your HP plotter.

Our pen inks are specifically formulated for easy-starting flow. They dry almost instantly when applied to HP quality paper. The colors are vivid, producing publication-quality, long-lasting documentation.

Each pen's physical attributes are very important. For example, concentricity of the pen body and the distance between indexing flange and tip are monitored carefully during production. This ensures accurate pen tip placement and line repeatability during plotting. In-process and final test samplings are also used to control ink brightness and line drawing widths to within tight HP standards.

### Plotter Pens

All pens are designed and manufactured by HP in different colors for clean, crisp and accurate plots.

BLACK	BROWN
GREEN	TURQUOISE
RED	GOLD
BLUE	LIME GREEN
VIOLET	



#### Paper Writing Pens (Newer Plotters)

For use with 7220A/C/S/T, 7221A/B/C/S/T, 7225A/B, 7470A, 7580A, and 9872A/B/C/S/T.

#### Same Color Pen Packages (5 pens/pkg)

##### Narrow Line Width (.3 mm)

5060-6784 (Red) 5060-6786 (Green)  
5060-6785 (Blue) 5060-6787 (Black)

##### Wide Line Width (.7 mm)

5060-6893 (Red) 5060-6892 (Green)  
5060-6891 (Blue) 5060-6890 (Black)

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)

#### Multi Color Pen Packages

##### Narrow Line Width (.3 mm)

5060-6810 4 pens/pkg  
1 each of Red, Blue, Green, Black

##### Wide Line Width (.7 mm)

5060-6858 4 pens/pkg  
1 each of Red, Blue, Green, Black

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)

##### Narrow Line Width (.3 mm)

5060-6894 6 pens/pkg  
1 each of Burnt Orange, Violet, Brown, Turquoise, Gold, Lime Green

##### Wide Line Width (.7 mm)

5060-6895 6 pens/pkg  
1 each of Burnt Orange, Violet, Brown, Turquoise, Gold, Lime Green

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)



#### Paper Writing Pens

For use with 7200A-7203A, 7210A, 9125A and 9862A Graphics Plotters.

#### Same Color Pen Packages (5 pens/pkg)

5081-1190 (Red) 5081-1192 (Green)  
5081-1191 (Blue) 5081-1193 (Black)

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)



#### Overhead Transparency Pens

For use with 7220A/C/S/T, 7221A/B/C/S/T, 7470A, and 9872A/B/C/S/T. Also 7225A/B if equipped with velocity select capability.

#### Same Color Pen Packages (5 pens/pkg)

##### Narrow Line Width (.3 mm)

5061-5010 (Black) 5061-5015 (Green)  
5061-5012 (Red) 5061-5016 (Blue)

##### Wide Line Width (.6 mm)

5061-5020 (Black) 5061-5025 (Green)  
5061-5022 (Red) 5061-5026 (Blue)

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)

#### Multi Color Pen Packages (4 pens/pkg)

##### Narrow Line Width (.3 mm)

5060-6818  
1 each of Red, Blue, Green, Black

##### Wide Line Width (.6 mm)

5060-6819  
1 each of Red, Blue, Green, Black

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)

##### Narrow Line Width (.3 mm)

5060-6834  
1 each of Orange, Brown, Violet, Black

##### Wide Line Width (.6 mm)

5060-6835  
1 each of Orange, Brown, Violet, Black

\*Quantity (1-4 pkgs)  
Discounts (5-24)  
(25+)

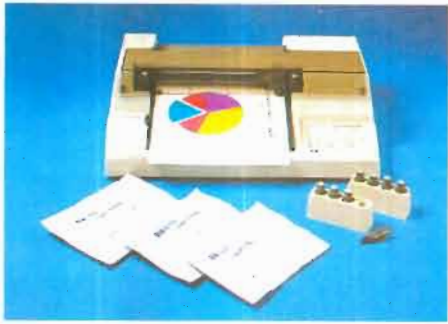
\*Note: Quantity discounts apply to purchase of single part numbers only.

#### 07225-40054 Plotter Pen Holder.



This sturdy organizer holds up to four plotter pens.





HP 7470A Graphics Plotter

## Overhead Transparency Supplies for HP Plotters

The following supplies may be used with the HP 7470A Graphics Plotter only.

**NEW 17057A Overhead Transparency Kit** for the 7470A contains all supplies necessary to prepare up to 50 overhead projection transparencies. Includes 50 sheets of paper-backed transparency film, each 8.5 x 11 in. (216 x 279 mm); and 16 pens in two tip widths and 7 vivid colors. Packaged in convenient storage box with complete instructions.

**NEW 9270-0360 Package of 50 Paper-Backed Transparency Film Sheets**, each 8.5 x 11 in. (216 x 279 mm).  
**QUANTITY** (1-19 pkgs)  
**DISCOUNTS** (29-99)  
 (100+)

The following supplies may be used with HP 7220A/C/S/T, 7221A/B/C/S/T, 9872A/B/C/S/T Plotters; also HP 7225A/B if equipped with velocity-select capability.

**17055A Overhead Transparency Kit** contains all supplies necessary to prepare up to 200 overhead projection transparencies. Includes 200 sheets of transparency film, each 8.5 x 11 in. (216 x 279 mm); a bottle of ink solvent; and 16 pens in two tip widths and 7 vivid colors. Packaged in convenient storage box with complete instructions.

**9270-0639 Package of 100 Transparency Film Sheets**, each 8.5 x 11 in. (216 x 279 mm).  
**QUANTITY** (1-9 pkgs)  
**DISCOUNTS** (10-59)  
 (60+)

**5060-6828 Transparency Ink Solvent**. Container of 1 fluid oz. (29.6 ml).

## Plotter Supplies Kits

Convenient way to get an assortment of paper writing pens and plotter paper for everyday use.

**NEW 17013A Small-Sheet Kit (Metric)** for 7225A/B and other plotters. Contains 15 pads (750 sheets) of blank A4-size (210 x 297 mm) paper plus the following pens: 10 Black, 10 Red, 5 Green, and 5 Blue. Also includes a sturdy pen holder.

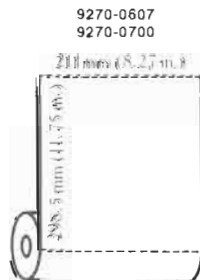
**17014A Small-Sheet Kit** for 7225A/B and other plotters. Contains 15 pads (750 sheets) of blank 8.5 x 11 in. (216 x 279 mm) paper plus the following pens: 10 Black, 10 Red, 5 Green, 5 Blue. Also includes a sturdy pen holder.

**17031A Large-Sheet Kit** for 7220A/C/S/T, 7221A/B/C/S/T, 9872A/B/C/S/T. Contains 400 sheets of 280 x 420 mm (11 x 16.5 in.) paper plus the following pens: 4 Black, 4 Red, 4 Green, 4 Blue.

## 7240A, 7245A/B Thermal Plotter/Printers

HP thermal papers are especially manufactured to yield high-quality, fade-resistant copies. Also, they are smooth-surfaced to prevent excessive print head wear.

**Metric-Dimensioned Thermal Papers.** Rolls are 211 mm wide x 61 m long (8.27 in. x 200 ft.). Two papers have cross-perforations to yield A4-size pages 298.5 mm (11.75 in.) high.

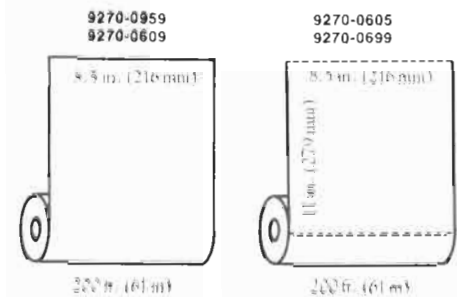


**9270-0607 Box (2 rolls) Page-Perf Paper**, Black Print.

**9270-0700 Box (2 rolls) Page-Perf Paper**, Blue Print.

**QUANTITY** (1-5 boxes)  
**DISCOUNTS** (6-35)  
 (36+)

**English-Dimensioned Thermal Papers.** Rolls are 8.5 in. wide x 200 ft. long (216 mm x 61 m). Two papers have cross-perforations to yield pages 11 in. (279 mm) high.



**9270-0959 Box (2 rolls) Continuous-Roll Paper**, Blue Print.

**9270-0609 Box (2 rolls) Continuous-Roll Paper**, Black Print.

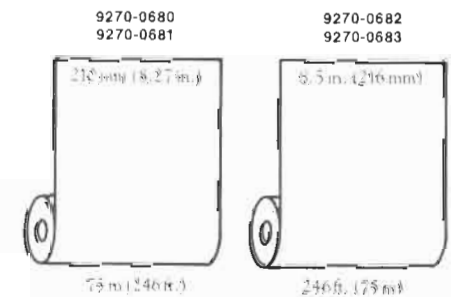
**9270-0605 Box (2 rolls) Page-Perf Paper**, Black Print.

**9270-0699 Box (2 rolls) Page-Perf Paper**, Blue Print.

**QUANTITY** (1-5 boxes)  
**DISCOUNTS** (6-35)  
 (36+)

**07245-60001 Thermal Print Head.**

## 7310A Thermal Forms & Text Printer



**9270-0680 Box of 6 Rolls Metric-Dimensioned Thermal Paper**, Black Print. Each roll 210 mm wide x 75 m long (8.27 in. x 246 ft.).

**QUANTITY** (1-4 boxes)  
**DISCOUNTS** (5-29)  
 (30+)

**9270-0681 Box of 6 Rolls Metric-Dimensioned Thermal Paper, Blue Print.**

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30+)

**9270-0682 Box of 6 Rolls English-Dimensioned Thermal Paper, Black Print.** Each roll 8.5 in. wide x 246 ft. long (216 mm x 75 m).

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30+)

**9270-0683 Box of 6 Rolls English-Dimensioned Thermal Paper, Blue Print.**

QUANTITY (1-4 boxes)  
DISCOUNTS (5-29)  
(30+)

### 7580A Drafting Plotter

The following supplies are for use with the 7580A only.

**07580-60035 Fiber Tip Pen Carousel.** Holds 8 fiber tip pens. See page 17 for paper writing fiber tip pens.

**07580-60081 Drafting Pen Carousel.** Holds 8 drafting pens.

**07580-60025 Drafting Pen Body.** Used with drafting pen tips listed below.

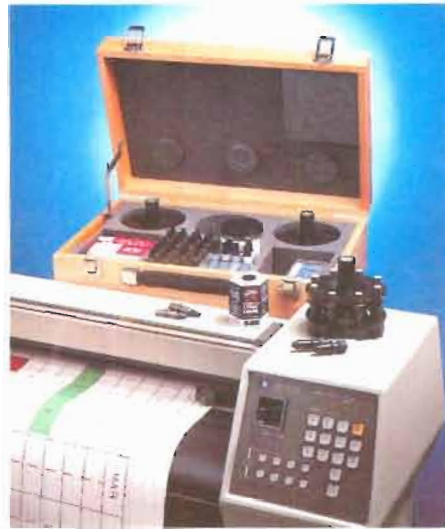
**9260-0596 Drafting Ink.** Used with drafting pens above. ¼ oz. bottle, Black.

**Drafting Pen Tips (tungsten),** used with drafting pen body.

**9260-0742** Pen Tip Width, .18 mm\*

**9260-0741** Pen Tip Width, .25 mm\*

\* For special fine line plotting only. These narrow pen tips require more cleaning and care than wider pen tips. Therefore, we do not recommend these fine line tips for general use on the 7580A plotter.



7580A Drafting Plotter with Accessories Chest

**9260-0588** Pen Tip Width, .35 mm

**9260-0744** Pen Tip Width, .50 mm

**9260-0579** Pen Tip Width, .70 mm

**9260-0743** Pen Tip Width, 1.00 mm

**4320-0361 Replacement Pen Caps** for Fiber and Roller Pen Carousel.

**4320-0365 Replacement Pen Caps** for Drafting Pen Carousel.

**1540-0714 Writing Accessories Chest,** hardwood. Keep your drafting plotter supplies protected and organized.

**9280-0525 Polyester Film, A1-size** (594 mm x 841 mm), 50 sheets per pack.

**9280-0526 Polyester Film, D-size** (22 x 34 in.), 50 sheets per pack.

**9280-0527 Chart Paper, D-size** (22 x 34 in.), 200 sheets per pack.

**9280-0528 Chart Paper, A1-size** (594 mm x 841 mm), 200 sheets per pack.

**9280-0529 Vellum, D-size** (22 x 34 in.), 150 sheets per pack.

**9280-0530 Vellum, A1-size** (594 mm x 841 mm), 150 sheets per pack.

**8710-1386 Grit Wheel Brush.** Helps in cleaning grit wheel.

**9282-0905 Cleaning Syringe.** Used to clean drafting pens, etc.

**9282-0908 Drafting Pen Cleaning Solution,** 5.2 oz. container.

**09872-60066 Digitizing Sight** may be used with all HP Graphic Plotters.



82905B Dot Matrix Impact Printer

### 82905A/B Dot Matrix Impact Printer

Paper Widths Accepted: 4 in. (102 mm) minimum; 10 in. (256 mm) maximum.

**92156A Box of 2 Ribbon Cartridges.**

Each high-quality, long-life cartridge averages 3 million characters. Prints Black.

QUANTITY (1-2 boxes)

DISCOUNTS (3-7)  
(8+)

**92154P Print Head.** Reliable and user installable. Average life is 50 to 100 million characters.



### Printer Paper

See pages 23 and 24.

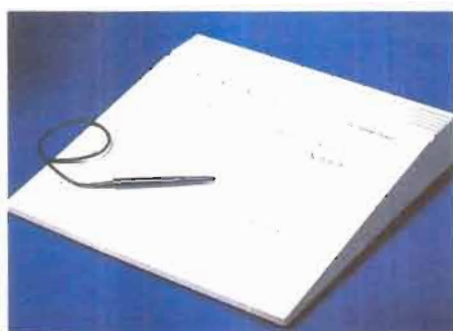
### HP 9100 Series

#### 9111A/T Graphics Tablet

**09111-68701 Package of Stylus Refills** (2 inkless, 3 ink cartridges).

**7121-0988 Package of Three Overlays.** Used to protect and hold down documents of 9111A Graphics Tablet.





9111A/T Graphics Tablet

**9270-0977 Package of 20 Mylar Menu Sheets.** 349 mm wide x 285 mm high (13.74 x 11.22 in.)

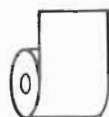
### 9125A Plotter

See 7200A-7203A, 7210A listing.

## HP 9800 Series

### 9805A Calculator

**9281-0415 Individual Roll Printer Paper** (minimum order 10 rolls).



NOTE: Ordinary adding machine paper which is 2.25 in. (57.2 mm) wide may be used.

**9282-0511 Individual Ribbon, Red and Black** (minimum order 3 ribbons).

### 9810A Calculator

**Paper** (9281-0401). Listed under 9820A Calculator.

**Magnetic Program Cards** (5060-9152, 9162-0012 & 9162-0045). Listed under 9820A Calculator.

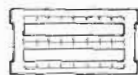
**09810-90016 Individual Program Pad.**

### 9815A/S Desktop Computers

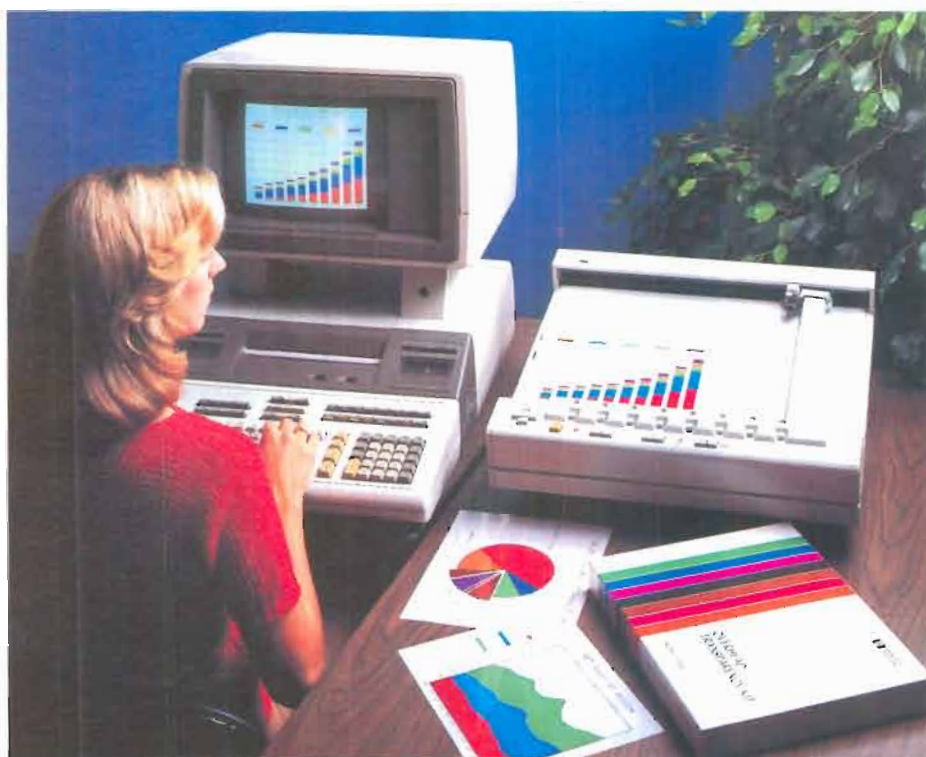
**Paper** (9270-0479 & 9270-0664; listed under 9825A/S Desktop Computers).

**Mini Data Cartridge** (98200A; listed under 9825A/S Desktop Computers).

**7120-4691 Individual Blank Key Overlay** (minimum order 5).



**09815-90011 Individual Program Pad.**

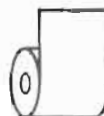


9845C Desktop Computer, with HP 9872C 8-Color Plotter

### 9820A Calculator

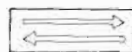
**9281-0401 Box of 6 Rolls Thermal Paper, Blue Print.** 5.7 cm x 76 m (2¼ in. x 250 ft.).

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)



**5060-9152 Individual 6 in. (152.4 mm)**

**Magnetic Program Card, with envelope** (minimum order 10).



**9162-0012 Individual 6 in. (152.4 mm) Magnetic Program Card, without envelope** (minimum order 10).

**9162-0045 Individual 10.5 in. (266 mm) Magnetic Program Card, without envelope.**

QUANTITY (1-9 cards)  
DISCOUNTS (10-99)  
(100+)

**9230-0052 Individual Magnetic Card Holder Sheet** (minimum order 5). Holds 3 cards; for binder or file.

**09820-90016 Individual Program Pad.**

### 9821A Calculator

**Paper** (9281-0401; listed under 9820A Calculator).

**Digital Tape Cassette** (9162-0050; listed under 9830A/B Desktop Computers).

**Program Pad** (09820-90016; listed under 9820A Calculator).

### 9825A/S Desktop Computers

**9270-0479 Box of 6 Rolls Thermal Paper, Blue Print.**

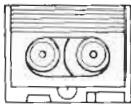
Also used with HP 9815A/S and HP 9835A/B (System 35) Desktop Computers. Price and quantity discounts same as 9270-0664. 5.7 cm x 76 m (2¼ in. x 250 ft.).

**9270-0664 Box of 6 Rolls Thermal Paper, Black Print.** Also used with HP 9815A/S and 9835A/B (System 35) Desktop Computer.

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)  
(20-99)



### 98200A Box of 5 Mini-cartridges, each with own protective plastic box.



These rugged HP-manufactured storage devices are each 100% tested mechanically (for proper tape tension and drive force requirements) and electromagnetically (for error-free data recording). Metal backplate construction helps ensure accurate alignment of tape guides and other internal parts, while providing a grounding surface to protect the minicartridge from effects of static electricity.

In addition to the HP 9825A/S, the 98200A minicartridges are used with HP 85A, 9815A/S, 9835A/B & 9845A/B/S/T Desktop Computers, 9915A, OPT001 modular computers— as well as with HP 264X-Series Terminals.

QUANTITY (1 box of 5)  
DISCOUNTS (2-4)  
(5-19)  
(20-99)

The minicartridge drive in your HP Desktop Computer should be kept clean, for continued reliable operation. See Head Cleaner and Swabs listed on page

### 7120-4802 Individual

**Blank Key Overlay** (minimum order 5). Also used with HP 9831A Desktop Computer.

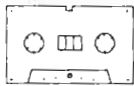


### 9826A Desktop Computer

Uses 92190A flexible discs. See page 5. Software for 9826A. See page 44.

### 9830A/B Desktop Computers

**9162-0050 Individual Digital Tape Cassette**, in protective plastic box. Also used with HP 9821A Desktop Computer.



QUANTITY (1-9)  
DISCOUNTS (10-99)  
(100+)

### 7120-3510 Package of 6 Blank Key Overlays.



### 09830-90016 Individual Program Pad.

### 9831A Desktop Computer

**Mini Data Cartridge** (98200A; listed under 9825A/S Desktop Computers). **Blank Key Overlay** (7120-4802; listed under 9825A/S).



HP 9895A Flexible Disc Drive (left), HP 9845B Desktop Computer

### 9835A/B Desktop Computers

**Paper** (9270-0479 & 9270-0664; listed under 9825A/S Desktop Computers). **Mini Data Cartridges** (98200A; listed under 9825A/S Desktop Computers).

**7120-6452 Individual Blank Key Overlay** (minimum order 5).



### 9836A Desktop Computer

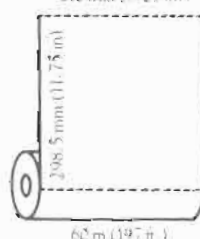
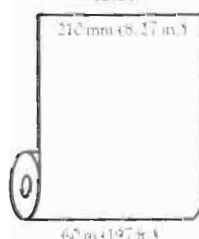
Uses 92190A flexible discs. See page 5. Software for 9836A. See page 44.

### 9845A/B/C/S/T Desktop Computers

**Metric-Dimensioned Thermal Papers**, 6 rolls per box. All rolls 210 mm wide x 60 m long (8.27 in. x 197 ft.). Two papers have cross-perforations to yield A4 pages 298.5 mm (11.75 in.) high. High-Contrast papers optimized for longer records storage; superior results when photocopied.

92161M  
92161N  
92161P

92161Q  
92161R



**92161M Continuous Roll Paper**, Regular Blue Print. Supersedes 9270-0569. (6 rolls/box).

QUANTITY (1 box of 6 rolls)  
DISCOUNTS (2-5)  
(6+)

**92161N Continuous Roll Paper**, High-Contrast Blue Print. Supersedes 9270-0652 (6 rolls/box).

QUANTITY (1 box of 6 rolls)  
DISCOUNTS (2-5)  
(6+)

**92161P Continuous Roll Paper**, High-Contrast Black Print. Supersedes 9270-0662 (6 rolls/box).

QUANTITY (1 box of 6 rolls)  
DISCOUNTS (2-5)  
(6+)

**92161Q Page-Perf Roll Paper**, Regular Black Print. Supersedes 9270-0568 (6 rolls/box).

QUANTITY (1 box of 6 rolls)  
DISCOUNTS (2-5)  
(6+)





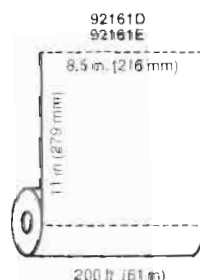
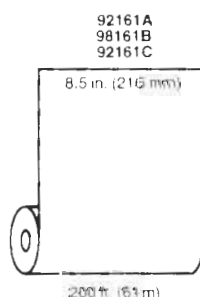
### Increased Thermal Print-Head Longevity, Cleaner Print with HP-tested Thermal Paper

Hewlett-Packard engineers continually test thermal papers in our desktop computers, terminals and plotter/printers. Our goal is to reduce the contact abrasion between head and paper that leads to high wear rates and premature head dysfunction. HP-tested thermal papers offer the optimum balance of smooth surface, for long print-head life, and crisp, fade-resistant printing, for clean, long-lasting copies.

**92161R Page-Perf Roll Paper, High-Contrast Black Print.** Supersedes 9270-0651 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

**English-Dimensioned Thermal Papers.** For 9845A/B/C/S/T. All rolls 8.5 in. wide x 200 ft. long (216 mm x 61 m). Two papers have cross-perforations to yield pages 11 in. (279 mm) high. High-Contrast papers optimized for longer records storage; superior results when photocopied.



**92161A Continuous Roll Paper, Regular Blue Print.** Supersedes 9270-0566 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

**92161B Continuous Roll Paper, High-Contrast Blue Print.** Supersedes 9270-0650 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

**92161C Continuous Roll Paper, High-Contrast Black Print.** Supersedes 9270-0661 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

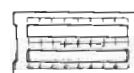
**92161D Page-Perf Roll Paper, Regular Black Print.** Supersedes 9270-0565 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

**92161E Page-Perf Roll Paper, High-Contrast Black Print.** Supersedes 9270-0649 (6 rolls/box).

QUANTITY (1 box of  
DISCOUNTS 6 rolls)  
(2-5)  
(6+)

**Mini-Data Cartridges**  
(98200A; listed under 9825  
A/S Desktop Computers)  
**7120-6164 Individual  
Blank Key Overlay, for  
9845A/B/S/T.** (minimum  
order 5).



### Spectrum Graphics Kit for 9845C

The Spectrum Graphics Kit is for use only with the HP 9872 Graphics Plotter and the HP 9845C Desktop Computer. The System 45C color utility program, Vector Transfer, is used to create color hard-copy of select graphics. The pens provided in the kit use subtractive inks to produce colors. The Spectrum pen colors are black, magenta,

cyan, and yellow. The four Spectrum pens can be used to duplicate seven of the eight colors from the 9845C screen (a white line cannot be drawn on the plotter). The use of Spectrum paper is necessary to ensure quality plots, as the quality of the colors and pen performance are affected by the paper used.

**09872-60069 Spectrum Graphics Kit.** Contains 4 packages Spectrum pens (one each black, magenta, cyan, yellow per package), 1 box Spectrum paper (100 sheets) and instructions.

**5060-6855 Spectrum Pens** (one each black, magenta, cyan, yellow per package).

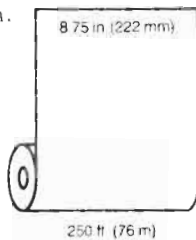
**9280-0516 Spectrum Paper** (100 plain, 8½ x 11 in. sheets).

### 9862A Plotter

See 7200A-7203A, 7210A listing.

### 9866A/B Thermal Line Printers

Following papers also used with HP 12996A Subsystem. Rolls 8.75 in. wide x 250 ft. long (222 mm x 76 m).



**9270-0488 Box of 6 Rolls Thermal Paper, Black Print.**

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)  
(20+)

**9281-0414 Box of 2 Rolls Thermal Paper, Blue Print.**

QUANTITY (1 box)  
DISCOUNTS (2-4)  
(5-19)  
(20+)

### 9871A Character Impact Printer

Paper Widths Accepted: 2.0 in. (50 mm) minimum; 15.0 in. (381 mm) maximum.

**9282-0561 Individual Nylon Ribbon Cartridge** (minimum order 6). Prints Black.



QUANTITY (6-11)  
DISCOUNTS (12-35)  
(36+)

**Package of 3 Print Discs.** Each package contains 3 identical, 96-character print discs. Available in following character sets:

**1530-0697** (Standard)

**1530-1810** (European)

**1530-1811** (ASCII)

**1530-1851** (Katakana)

**1530-1895** (Cyrillic)

**1530-2022** (APL)

QUANTITY (1-5 pkg)

DISCOUNTS (6-11)  
(12+)



### Paper for Impact Printers

See page 23.

### 9872A/B/C/S/T Plotter

See 7220A/C/S/T, 7221A/B/C/S/T listing.

### 9874A Digitizer

**09874-87000 Package of 5 Mylar Holddown Sheets**, each 851 x 521 mm (33.5 x 20.5 in.).

**09874-67924 Individual Holddown Magnet**, to secure large documents and Mylar Holddown Sheets to platen.

**7120-7105 Individual Blank Key Overlay** (minimum order 5).

**Ink Cartridge for Stylus.** Use Papermate Standard Ballpoint Refill (Papermate PN 46301, black ink, fine line), or equivalent.

### 9876A Thermal Printer

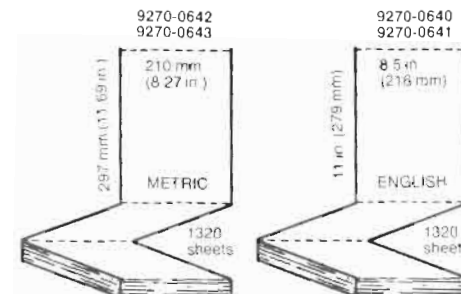
The following papers (also used with HP 11479A Printer) are page-perforated and fan-folded 330 sheets per pack. Each box contains 4 packs (total of 1320 sheets).

**9270-0642 Box of Metric-Dimensioned Thermal Paper, Black Print.** Sheet size 210 x 297 mm (8.27 x 11.69 in.).

QUANTITY (1 box of  
DISCOUNTS 4 packs)  
(2-5)  
(6+)

**9270-0643 Box of Metric-Dimensioned Thermal Paper, Blue Print.**

QUANTITY (1 box of  
DISCOUNTS 4 packs)  
(2-5)  
(6+)



**9270-0640 Box of English-Dimensioned Thermal Paper, Black Print.** Sheet size 8.5 x 11 in. (216 x 279 mm).

QUANTITY (1 box of  
DISCOUNTS 4 packs)  
(2-5)  
(6+)

**9270-0641 Box of English-Dimensioned Thermal Paper, Blue Print.**

QUANTITY (1 box of  
DISCOUNTS 4 packs)  
(2-5)  
(6+)

### 9915A Modular Computer

Opt. 001 Uses 98200A Mini-Data Cartridges. See page 7.

### Misc. Supplies

### Optical Mark Reader Cards

Clock marks black non-reflective ink; all other information reflective red ink.

**9320-2072 Box of 2000 General Purpose, 80-Column Cards.**

**9320-2074 Box of 2000 General Purpose, 40-Column Cards.**

**9320-2051 Box of 2000 Educational Basic, 37-Column Cards.**

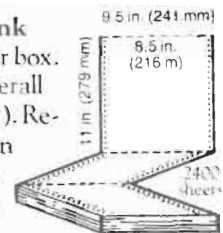
QUANTITY (1-5 boxes)  
DISCOUNT (6+)

### Paper for Impact Printers

For your basic printout needs, HP carries the following continuous-form, single-copy papers. Standard pin feed holes along both edges. Horizontal paging perforations every 11 in. (279 mm).

**92157A Box of Blank Paper.** 2400 sheets per box. White 18 lb. bond. Overall width 9.5 in. (241 mm). Removal of perforated pin feed strips yields 8.5 x 11 in. (216 x 279 mm) finished sheets.

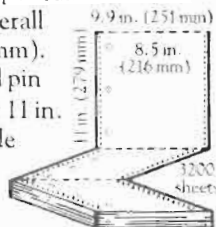
QUANTITY (1-2 boxes)  
DISCOUNTS (3-5)  
(6-11)  
(12+)





**92157B Box of Blank Paper, 3-Hole Punched.**

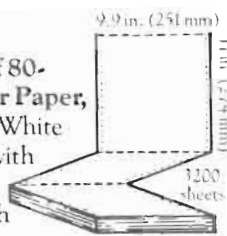
3200 sheets per box. White 15 lb. bond. Overall width 9.875 in. (251 mm). Removal of perforated pin feed strips yields 8.5 x 11 in. (216 x 279 mm), 3-hole punched finished sheets.



QUANTITY (1-2 boxes)  
DISCOUNTS (3-5)  
(6-11)  
(12+)

**9280-0218 Box of 80-Column Green-Bar Paper,**

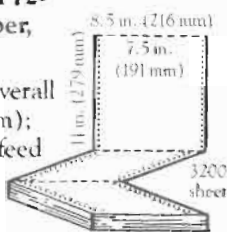
3200 sheets per box. White 15 lb. bond, printed with light green horizontal bars. Overall width 9.9 in. (251 mm).



QUANTITY (1-51 boxes)  
DISCOUNT (52+)

**9280-0705 Box of 72-Column Blank Paper,**

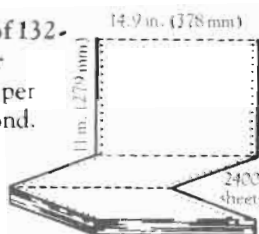
3200 sheets per box. White 15 lb. bond. Overall width 8.5 in. (216 mm); when perforated pin feed strips are detached, final width is 7.5 in. (191 mm).



QUANTITY (1-67)  
DISCOUNT (68+)

**9320-1515 Box of 132-Column Blue-Bar Paper,**

2400 sheets per box. White 18 lb. bond. Printed with light blue horizontal bars. Overall width 14.9 in. (378 mm).



QUANTITY (1-45)  
DISCOUNT (50+)

*92173P Paper Transporter*

**92173P Paper Transporter.** Tired of lifting and carrying heavy boxes of printer paper to and from your computer area? Use HP's paper transporters. They provide an easy way to move boxes of blank forms and finished printouts from one place to another. The transporters are made of durable steel with non-mar, double wheel casters and come with their own pull handles. Size is 13W x 16D in. (330 x 406 mm). Color is Putty. Order several and save.

QUANTITY (1)  
DISCOUNTS (2-4)  
(5+)

**Program Coding Forms**

Package of 5 pads, 500 sheets total, 3-hole punched (13½ x 11 in.).

**5080-6595 (Fortran)**  
**5080-6596 (Assembler)**  
**5951-4465 (Cobol)**

QUANTITY (1-2 pkgs)  
DISCOUNT (3+)

**RPG Coding Forms**

Used with HP systems having RPG capability. All forms 8½ x 11 in. except as noted.

**92168A-E** are packages of 10 pads, 500 sheets total, all field names specified. Alternating shaded fields help eliminate line shifting while programming.

**92168A** Pkg. of **C** (Calculation) forms  
**92168B** Pkg. of **E** (File Extension) forms  
**92168C** Pkg. of **H** (Control) forms  
**92168D** Pkg. of **I** (Input) forms  
**92168E** Pkg. of **O** (Output) forms  
**92168F** One pad each of 92168A-E forms plus one pad (50 sheets) printer spacing chart (8½ x 14 in.).

QUANTITY (1-2 pkgs)  
DISCOUNT (3+)

**Printer Layout Forms**

**92168G Printer Layout Forms.** Package of 10 pads, 500 sheets total (8½ x 14 in.). Same price and quantity discounts as 92168A-F above.

**02608-60091 Printer Layout Forms.** Package of 5 pads, 250 sheets total (11 x 17 in.) includes vertical format control area.

**VFU Tape Accessories**

Following supplies are used with HP 2613A, 2617A, 2618A, 2619A Printers.

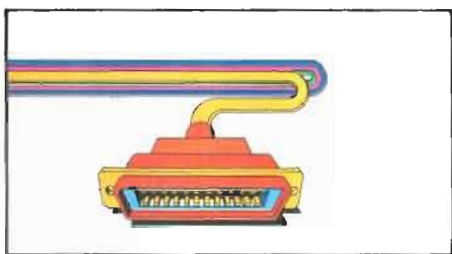
**4114-0371 Package of 25 Blank 12-Channel VFU Tapes,** marked for 66 lines/page up to 140 lines. Self-adhesive.

QUANTITY (1 pkg)  
DISCOUNT (2+)

*92231A Tape Punch and Splicer*

**92231A 12-Channel VFU Tape Punch and Splicer.** Now punch and splice your 12-channel tapes easily and efficiently with HP's new tape punch. Tape moves easily through the punch with bi-directional control knob. Punch will prepare either 6 or 8 lines per inch control tapes. Splicing is made easy with the precision registration pins and hold down arms on the punch. Find out how easy it is to punch and splice VFU tapes. Order one today. (Supersedes 9164-0023)

**Pre-Punched VFU Tape.** See listed under appropriate HP Printer.



## HP-IB (IEEE-488) Cables

**10833A/B/C/D HP-IB Cables** have improved shielding that help to reduce radiated emissions from interconnecting cables. The use of this cable has helped many systems reduce their overall RFI level to pass Mil-Std-461A and VDE 0871 & 0875. The 10833 series cables have conductive enclosures and a special 2 in 1 shielding to improve termination of the shield to chassis. These cables are completely compatible with, and can be used in combination with, other HP-IB cables. However, this will affect the continuity and effectiveness of the total shielding.

**31389A/B/C** Many applications, such as plotting data or logging data from instruments, have low data transfer rates and often do not require maximum RFI shielding. In these cases, the regular HP-IB cables will perform well – at a substantial savings. Refer to the product specifications to determine which HP-IB cable to use.

Length	Regular Cable (Other HP Equivalent)	RFI Shielded Cable (Other HP Equivalent)
1m (3.3 ft.)	<b>31389A</b> (10631A)	<b>10833A</b> (45529A)
2m (6.6 ft.)	<b>31389B</b> (10631B)	<b>10833B</b> (45529B)
4m (13.2 ft.)	<b>31389C</b> (10631C)	<b>10833C</b> –
0.5m (1.65 ft.)	– (10631D)	<b>10833D</b> –



*High Quality Signals with HP Cables*

**10834A Adapter** extends the first HP-IB cable approximately 2.3 cm (¾ in.) away from the device rear panel to provide clearance for other connectors, switches and cables.

## Terminals Cabling Manual

**02640-90185** HP has a helpful guide which provides detailed information (including connector pin assignments and maximum cable lengths) for more than 35 different cables used with HP terminals. Ask for "Data Terminals Cabling Manual, HP publication number 02640-90185."

## Terminal Connector Kits

Make up your own special cables. See 92179A/B for cable.

**5061-1340 Connector for 264X Terminals** (see illustration 2, page 27). Contains one 30-pin female hooded edge connector, plus hardware.

**5061-2401 Multipoint Connectors for 264X Terminals** (see illustrations 4M and 4F, page 27). Contains two complete 14-pin connectors (one male and one female) plus hardware.

**5061-2412 Connector for 262X Terminals** (see illustration 1, page 27). Contains one complete 50-pin male connector and hardware. (use 92178A for 2621B and 2382A Terminals).

## Universal RS-232C Connector Kits

Each kit contains two 25-pin connectors (either 2 male, 2 female or 1 of each), 2 hoods and related hardware. The connectors are gold-plated and the pins are precision-machined for better contact.

**92178A Two Male Connectors** in kit (See illustration 3M, page 27).

**92178B Two Female Connectors** in kit (See illustration 3F, page 27).

**92178C One Male Connector and One Female Connector** in kit (See illustration 3M and 3F, page 27).

QUANTITY (1-4 kits)

DISCOUNTS (5-9)  
(10+)



## Advanced Terminal Processor Connector Kits

Each kit contains 4 complete connector assemblies used to build your own custom length HP 3000 series 64 ATP cables for the RS-232C or RS-422 interface. Order bulk cable separately; see 92179C and 92179D.

These connectors require an HP 92229A crimp tool to crimp the connector shield can to the wire shield. (Call HP Distribution Center or HP Sales Office to obtain price and delivery information on crimp tool.) ATP connector pins and wire may be crimped with standard tool for RS-232 connector pins.

**NEW 92224A Kit of Four Each 3-Pin Male Connectors** for ATP RS-232C interface. (See illustration 6M, page 27).

**NEW 92224B Kit of Four Each 3-Pin Female Connectors** for ATP RS-232C interface. (See illustration 6F, page 27).

**92224A/B** (1 kit)

QUANTITY (2-3)

DISCOUNTS (4+)

**NEW 92225A Kit of Four Each 5-Pin Male Connectors** for ATP RS-422 interface. (See illustration 7M, page 27).

**NEW 92225B Kit of Four Each 5-Pin Female Connectors** for ATP RS-422 interface. (See illustration 7F, page 27).

**92225A/B** (1 kit)

QUANTITY (2-3)

DISCOUNTS (4+)

## Cut-To-Length Cable

(Order connectors separately).

The 92179A and 92179B cables can be used with our Terminal and RS-232C Connector Kits described above, and others.

**92179A Unshielded, 12-Wire/22 Gauge Cable.** (Minimum order is 10 metres. Maximum continuous length is 450 metres.)

QUANTITY (10-19 m)

DISCOUNTS (20-99 m)  
(100+ m)

**92179B Unshielded, 25-Wire/26 Gauge Cable.** (Minimum order is 10 metres. Maximum continuous length is 300 metres.)

QUANTITY (10-19 m)

DISCOUNTS (20-99 m)  
(100+ m)

**NEW 92179C Shielded, 3-Wire/24 Gauge Cable.** Can be used with the 92224A/B connector kits described above, and others. (Minimum order is 30 metres. Maximum continuous length is 4000 metres.)

QUANTITY (30-99 m)

DISCOUNTS (100+ m)

**NEW 92179D Shielded, 5-Wire/24 Gauge Cable.** Can be used with the 92225A/B connector kits described above, and others. (Minimum order is 30 metres. Maximum continuous length is 4000 metres.)

QUANTITY (30-99 m)

DISCOUNTS (100+ m)

## Maximum Cabling Distances

To ensure proper performance, be sure to consult the manuals for equipment you are connecting via cable. Check the specification for maximum cable length closely.

## Cables for the HP 125 Personal Office Computer

The following peripherals can be connected to the HP125 Computer using the 10833A/B (45529A/B)\* HP-IB cables. Only one 10833B (45529B) cable can be used in each HP 125 system configuration. Refer to the HP 125 Price/Configuration Guide for supported configurations.

DISC STORAGE:

- 82901M
- 82902M
- 9895A
- 9134A
- 9135A

PRINTERS:

- 2631B Opt. 046 (HP-IB)
- 2671A
- 82905B

PLOTTERS:

- 7225B w/17601A
- 7470A
- 9872C

The following (RS-232C interfaced) HP printers may be connected to port 2 of the HP 125 Computer with the 13242-60010 (13242G)\* cable:

- 2601A
- 2631B

The 13242-60011 (13242H)\* cable may also be useful for connecting the HP 125 to a non-HP printer.

The HP 125 Computer can be connected to one or two computers directly or through modems with the following RS-232C cables. See pages 28-29 for details.

FIRST COMPUTER (port 1)

- 13222-60001 (13222N)\*
- 13222-60002 (13222M)\*
- 13222-60003 (13222C)\*
- 13222-60005 (13222Y)\*






SECOND COMPUTER (port 2)

- 13242-60001 (13242N)\*
- 13242-60002 (13242M)\*
- 13242-60005 (13242Y)\*

The 13265A 300 Baud Modem or the 13266A Current Loop Converter (page 59) may also be used to connect port 1 of the HP 125 to a computer.

For cabling information on other configurations, see the HP 125 documentation, or call your local HP Sales Office (pages 1-1 and 1-2).

\* Order the 10 digit part number for fast delivery replacement cables. Order the number in parentheses for a cable for a new system. See page 29 for cable descriptions and prices

Plug Configuration	Voltage Rating	Reference Specification	Part Number	Price
	125v	NEMA 5-15P	<b>8120-1348</b> (Black) <b>8120-1378</b> (Grey)	*
	250v	BS 1363A	<b>8120-1351</b>	*
	250v	NZSS 198/AS CH2	<b>8120-1369</b>	*
	250v	CEE7-VII	<b>8120-1689</b>	*
	250v	SEV1011.1959, 24507, Type 12	<b>8120-2104</b>	*

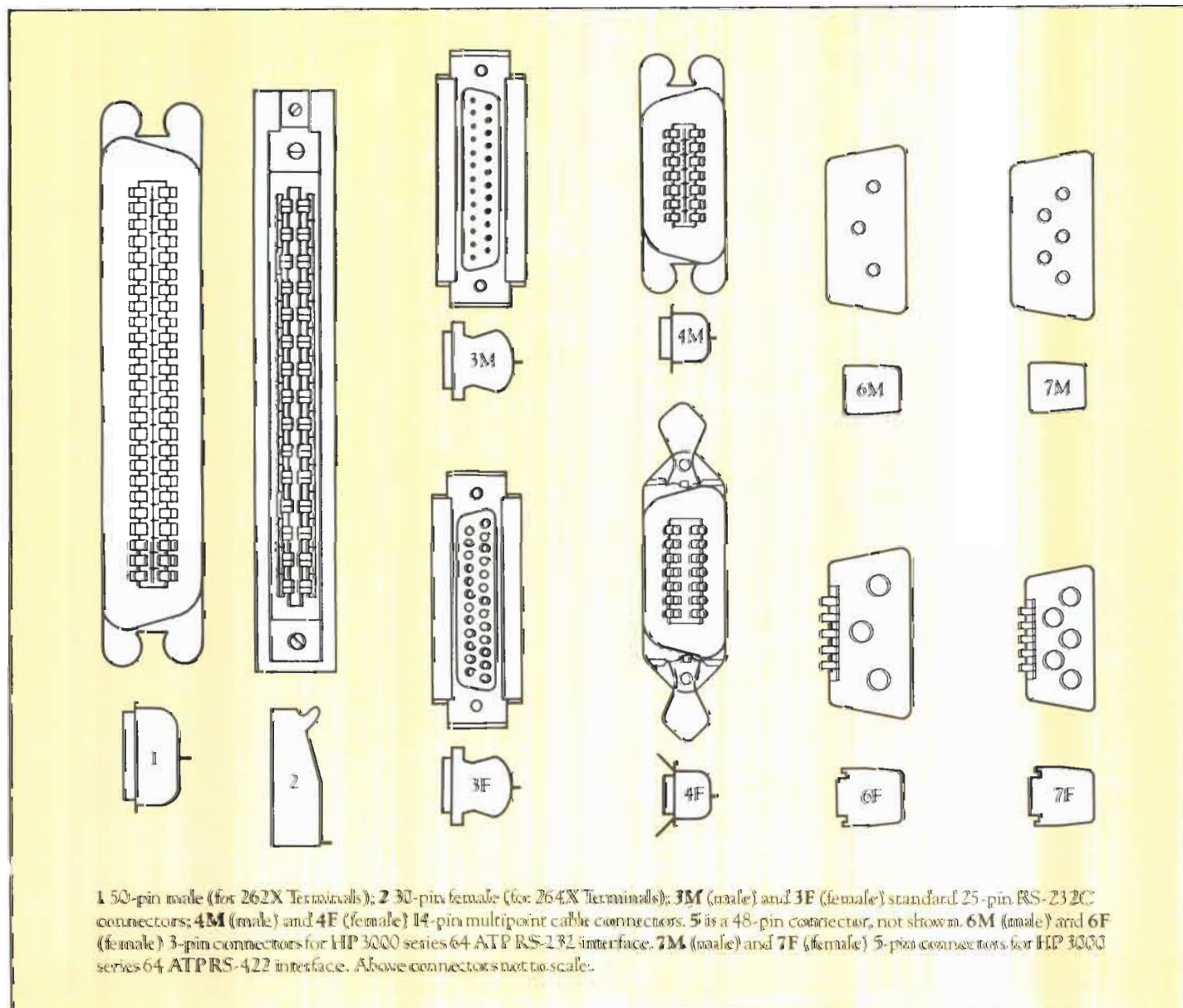
\* Order from local HP sales office.

## Terminal Power Cords

Need a replacement power cord for your HP 264X/262X terminal but can't find the part number? Listed in the adjacent table are several of the standard cords available for these terminals. The part numbers have been provided for your reference.










































## Connector Diagrams

(see cables page 28)

















































## RS-232C Cables

Description	Connector	Length	Connector	Wired For/Connects To	Order This Cable Number With New System	Order This Number For Replacement Cable
Extension Cables		5 m (16.7 ft.)		Pins 1-25 wired end-to-end	(30062C)	<b>31391A</b>
		10 m (33.4 ft.)		Pins 1-25 wired end-to-end	-	<b>31391B</b>
		15 m (50 ft.)		Pins 1-25 wired end-to-end	(30062C, Opt 001)	<b>31391C</b>
		30 m (100 ft.)		Pins 1-25 wired end-to-end; unshielded.	(30062C, Opt 002)	<b>30062-60012</b>
		3.8 m (12.5 ft.)		Pins 1-8, 11, 12, 19, 20, 22, 23, 25 wired end-to-end	-	<b>02631-60065</b>
		7.6 m (25 ft.)		Hardwire extension pins 2, 3, 7 wired end-to-end	(30062D)	<b>30062-60018</b>
		(Available after May 15, 1982) 15 m (50 ft.)		Hardwire extension; pins 2, 3, 7 wired end-to-end	-	 <b>92215A</b>
		5 m (16.7 ft.)		Adapter cable between HP 3000/64 ATP and existing RS-232C terminal cable	(30152A)	 <b>30152-60001</b>
		15 m (50 ft.)		Extension cable for HP 3000/64 ATP RS-232C interface	(30153A)	 <b>30153-60001</b>
Modem Cables		7.6 m (25 ft.)		Connects HP 3000 to modem types 103 and 202S.	(30062B)	<b>30062-60020</b>
		15 m (50 ft.)		Connects HP 3000 to modem types 103 and 202S.	(30062B Opt 001)	<b>30062-60021</b>
Modem Eliminator Cables		1.5 m (5 ft.)		Bypasses modem and connects 13232P to HP 1000, HP 3000 or another terminal. Unshielded.	(13232U)	<b>5061-2403</b>
		5 m (16.7 ft.)		Use with 13222M or 13232M on HP 300. Shielded.	-	<b>31390A</b>
Cables for 262X/267X-series Terminals (port 1) and HP 125 Computer  [Not for 2621B or 2382A Terminals.]		5 m (16.7 ft.)		U.S. Modems 103A, 202C/D/S/T, 212A, Vadic 3400 signal-compatible acoustic couplers. Also HP 1000 & 3000 System multiplexers.	(13222N)	<b>13222-60001</b>
		(Available after May 15, 1982) 15 m (50 ft.)			-	 <b>92217A</b>
		5 m (16.7 ft.)		European 103 or 202C Type modems. Shielded.	(13222M)	<b>13222-60002</b>
		(Available after May 15, 1982) 15 m (50 ft.)		European 103 or 202C Type modems. Shielded.	-	 <b>92217B</b>
		2 m (6.6 ft.)		Standard RS-232C Communications	(13222C)	<b>13222-60003</b>

Connectors 1, 2, 3M, 3F, 4M, 4F, 6M, 6F, 7M, 7F see page 27; 2\* modified connector to include power protect relays; 5 is 48-pin connector.





























## RS-232C Cables (Cont.)

Description	Connector	Length	Connector	Wired For/Connects To	Order This Cable Number With New System	Order This Number For Replacement Cable
Cables for 262X/267X-series Terminals (port 1) and HP 125 Computer		(Available after May 15, 1982) 15 m (50 ft.)		Standard RS-232C Communications	—	 92217C
		5 m (16.7 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	(13222Y)	13222-60005
		(Available after May 15, 1982) 15 m (50 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	—	 92217D
		5 m (16.7 ft.)		HP 300 Computer Systems	(13222W)	13222-60007
		5 m (16.7 ft.)		RS-232C interface cable for HP 3000/64 ATP.	(13222X)	 92217E
Cables for 262X/267X-series Terminals (port 2), 2621B, 2382A, and HP 125 Computer		5 m (16.7 ft.)		HP 1000, 3000 Systems; U.S. Modems 103A, 202C/D/S/T, 212A, Vadic 3400 Modems; Acoustic Couplers (Signal Compatible Only). Shielded.	(13242N)	13242-60001
		(Available after May 15, 1982) 15 m (50 ft.)			—	 92218A
		5 m (16.7 ft.)		European 202C Type Modems. Shielded.	(13242M)	13242-60002
		(Available after May 15, 1982) 15 m (50 ft.)		European 202C Type Modems. Shielded.	—	 92218B
		5 m (16.7 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	(13242Y)	13242-60005
		(Available after May 15, 1982) 15 m (50 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	—	 92218C
		5 m (16.7 ft.)		RS-232C interface cable for HP 3000/64 ATP.	(13242X)	 92218D
		5 m (16.7 ft.)		RS-232 Compatible Serial Printer Such As 2601/2631/2635. Shielded.	(13242G)	13242-60010
		5 m (16.7 ft.)		RS-232 Compatible Serial Printers. Shielded.	(13242H)	13242-60011
		5 m (16.7 ft.)		RFI filtering extender cable for 2621B and 2629L terminals.	(40242C)	 40242-60003
		5 m (16.7 ft.)		RFI filtering modem cable for 2621B and 2629L terminals.	(40242M)	 40242-60004
		5 m (16.7 ft.)		RFI filtering modem bypass cable for 2621B and 2629L terminals.	(40242Z)	 40242-60005

Connectors 1, 2, 3M, 3F, 4M, 4F, 6M, 6F, 7M, 7F see page 27; 2\* modified connector to include power protect relays; 5 is 48-pin connector.





























## RS-232C Cables (Cont.)




Description	Connector	Length	Connector	Wired For/Connects To	Order This Cable Number With New System	Order This Number For Replacement Cable
Cables for 264X-series Terminals		4.5 m (15 ft.)		U.S. Modems 103A, 202C/D/S/T; signal-compatible acoustic couplers. Also HP 1000, 2000 & 3000 System multiplexers.	(13232A)	02640-60043
		(Available after May 15, 1982) 15 m (50 ft.)		U.S. modems 103A, 202C/D/S/T; signal-compatible acoustic couplers. Also HP 1000 & 3000 System multiplexers.	—	 92219A
		4.5 m (15 ft.)		U.S. modems 103A, 202C/D/S/T; 212A, Vadic 3400; signal-compatible acoustic couplers. Also HP 1000 & 3000 System multiplexers.	(13232N)	02640-60131
		(Available after May 15, 1982) 15 m (50 ft.)		U.S. modems 103A, 202C/D/S/T; 212A, Vadic 3400; signal-compatible acoustic couplers. Also HP 1000 & 3000 System multiplexers.	—	 92219B
		4.5 m (15 ft.)		European 202C type modems.	(13232M)	5061-2409
		(Available after May 15, 1982) 15 m (50 ft.)		European 202C type modems.	—	 92219C
		6.2 m (20 ft.)		HP 300 Computer Systems	(13232W)	5061-2410
		15 m (50 ft.)		HP 1000/21MX Computers with HP 12531D or 12880A interfaces.	(13232B)	02640-60058
		1.5 m (5 ft.)		Standard Async D.C. to non-HP Computer	(13232C)	02640-60059
		(Available after May 15, 1982) 15 m (50 ft.)		Standard Async D.C. to non-HP computer.	—	 92219D
		4.5 m (15 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	(13232Y)	02640-60218

Connectors 1, 2, 3M, 3F, 4M, 4F, 6M, 6F, 7M, 7F see page 27; 2\* modified connector to include power protect relays; 5 is 48-pin connector.

## RS-232C Cables (Cont.)

Description	Connector	Length	Connector	Wired For/Connects To	Order This Cable Number With New System	Order This Number For Replacement Cable
Cables for 264X-series Terminals (Cont.)		(Available after May 15, 1982) 15 m (50 ft.)		3-wire cable with EMP protection for terminal from lightning-induced transients.	—	 92219E
		5 m (16.7 ft.)		RS-232C interface cable for HP 3000/64 ATP.	(13232X)	 92219F
Multi-point 1st Terminal		4.5 m (15 ft.) 4.5 m (15 ft.)	 	U.S. Modems 103A, 202C/D/S/T; signal-compatible acoustic couplers. Also HP 1000, 2000 & 3000 multiplexers. To 2nd HP 264X Terminal	(13232P)	02640-60132
Multi-point 2nd + Terminals		4.5 m (15 ft.) 4.5 m (15 ft.)	 	Preceding 264X Terminal Next 264X Terminal (or open)	(13232Q)	02640-60133
Multi-point 2nd + Terminals		4.5 m (15 ft.) 4.5 m (15 ft.)	 	Power Protect Cable. If power fails on terminal to which connected, the terminals which follow can still operate. Preceding 264X Terminal Next 264X Terminal	(13232T)	02640-60151
		30 m (100 ft.)		Multi-point Extension Cable.	(13232R)	02640-60134
		(Available after May 15, 1982) 77 m (250 ft.)		Multi-point Extension Cable.	—	 92220A
		(Available after May 15, 1982) 154 m (500 ft.)		Multi-point Extension Cable.	—	 92220B
		(Available after May 15, 1982) 308 m (1000 ft.)		Multi-point Extension Cable.	—	 92220C

## RS-422 Cables

Description	Connector	Length	Connector	Wired For/Connects To	Order This Cable Number With New System	Order This Number For Replacement Cable
RS-422 Extension Cable		30 m (100 ft.)		Extender cable for connecting HP 3000/64 ATP and RS-422 interface cable.	30154A	 30154-60001

Connectors 1, 2, 3M, 3F, 4M, 4E, 6M, 6E, 7M, 7F see page 27; 2\* modified connector to include power protect relays; 5 is 48-pin connector.





HP 9221Q-Series Work Station Furniture



### Work Station Furniture

HP's Computer Work Station Furniture offers the variety of features needed to compose an attractive and comfortable work environment which complements your specific HP system configuration. The modular design provides easy expansion capability for future systems growth.



Cable Management – designed into all our tables and printer stands.

- HP's high quality standards are met with:
- Non-tipping and non-flexing cantilever design
- Durable construction
- Attractive, long-lasting finish

Cable management convenience is provided on all tables and printer stands through a slot in the back and grommetted holes in the shelf. 280 mm (7 in.) shelf adds stability and efficient storage for documentation and personal items.



Color: Putty – which matches HP's Security/Storage Cabinets (92172), Paper Transporter (92173P) and CRT turntable (92171T) and complements all of HP's computer products.



92210B Table, 92210E Return, 92210Q Suspended Drawer and 92210N Mobile Drawer

**92210A Work Station Table—48 in.** Shelf 280 mm (7 in.) adds stability and efficient storage for documentation and personal items.  
Dimensions: Height 686 mm (27 in.); Width 1220 mm (48 in.); Depth 763 mm (30 in.). Easy to assemble, requiring only a Phillips screwdriver.

NOTE: Shipped by truck. Shipping weight—45.4 kg (100 lbs.).  
QUANTITY (1-2 tables)  
DISCOUNT (3+)

NOTE: Shipped by truck. Shipping weight—52.2 kg (115 lbs.).  
QUANTITY (1-2 tables)  
DISCOUNT (3+)

**92210E Return for Either Side of Work Station Table (92210A/B).** All tables are pre-drilled to accommodate returns at any time. Modesty panel included.  
Dimensions: Height 686 mm (27 in.); Width 1017 mm (40 in.); Depth 610 mm (24 in.).

NOTE: Shipped by truck. Shipping weight—29.5 kg (65 lbs.).  
QUANTITY (1-2 returns)  
DISCOUNT (3+)

**92210L Casters.** Set of 4 heavy duty double wheel casters. Use in place of leg levelers on any 92210 series table or stand.  
Height 45 mm (1.75 in.).  
QUANTITY (1-2 sets)  
DISCOUNT (3+)



92210B Work Station Table

**92210B Work Station Table—60 in.** Shelf 280 mm (7 in.) adds stability and efficient storage for documentation and personal items.  
Dimensions: Height 686 mm (27 in.); Width 1525 mm (60 in.); Depth 763 mm (30 in.). Easy to assemble, requiring only a Phillips screwdriver.

**92210Q Suspended Drawer Unit.** Matching two-drawer unit for either side of the 92210A/B tables (Do not use with 92210A (48 in. table) when return (92210E) is used). All tables are pre-drilled to accommodate suspended drawer unit. Deep bottom drawer has three-way storage versatility: letter size hanging files; legal size hanging files; and computer printout hanging binders.

Dimensions: Height 534 mm (21 in.); Width 375 mm (14.75 in.); Depth 493 mm (19.375 in.).

NOTE: Shipped by truck. Shipping weight—23.5 kg (51.7 lbs.).  
QUANTITY (1-2 units)  
DISCOUNT (3+)



92210R Storage Module

**92210R Storage Module** for work station tables 92210A/B. Versatile storage unit for electronic equipment or supplies. Module is open in the rear for ventilation and access to the 92210A/B Work Station Tables' Cable Management System. Three-position adjustable shelf.  
Open area dimensions: Height 378 mm (14.875 in.); Width 488 mm (19.19 in.); Depth 483 mm (19 in.).  
Overall dimensions: Height 432 mm (17 in.); Width 534 mm (21 in.); Depth 458 mm (18 in.).

Shipping weight—10.3 kg (22.6 lbs.).  
QUANTITY (1-2 units)  
DISCOUNT (3+)



### 92210K Trapezoid Table Top Connector

for joining two tables (92210 A/B). All tables are pre-drilled. Brackets and screws are included. Dimensions: Width (back) 1271 mm (50 in.); (front) 610 mm (24 in.); Depth 674 mm (26.5 in.).

Shipping weight – 20.0 kg (44 lbs.).

QUANTITY (1-2

DISCOUNT connectors) (3+)

### 92210S Triangle Table Connector

for joining two or three 92210 A/B tables. All tables are pre-drilled to attach this triangle connector.

All hardware necessary for connecting 3 tables is included with the connector.

Shipping weight – 9.1 kg (20.1 lbs.).

QUANTITY (1-2 units)

DISCOUNT (3+)

**92210N Mobile Drawer Unit.** Two-drawer unit rolls easily to any work station. Deep bottom drawer designed for letter or legal sized hanging files or printout hanging binders. Security for valuable materials provided with key lock. Compatible in table top height and materials with 92210A/B tables. Dimensions: Height 686 mm (27 in.); Width 391 mm (15.375 in.); Depth 508 mm (20 in.).

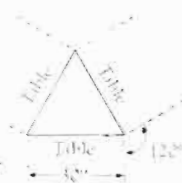
NOTE: Shipped by truck. Shipping weight – 30.6 kg (67.5 lbs.).

QUANTITY (1-2 units)

DISCOUNT (3+)

**92210P Printer Stand.** This handsome printer stand is designed to match your HP Work Station Furniture or as a stand alone. The 30 x 24 in. top contains plenty of room for your HP printers. A convenient paper feed slot is also cut through the top to allow for bottom paper feeding. Slot size is 4 x 19 in. (101.6 x 482.6 mm). Easy to assemble, requiring only a Phillips screwdriver. 280 mm (7 in.) shelf adds stability and efficient storage for documentation and personal items.

**Printout Catcher** is included with your stand. It has a 1½" opening between the back of the stand and the shelf to allow for rear paper feeding printers.



92210P Print Stand, 92173P Paper Transporter

Dimensions: **Stand** – Height 686 mm (27 in.); Width 762 mm (30 in.); Depth 610 mm (24 in.).

Dimensions: **Printout Catcher** – Height 152 mm (6 in.); Width 432 mm (17 in.); Depth 343 mm (13.5 in.).

NOTE: Shipped by truck. Shipping weight – 30.4 kg (67 lbs.).

QUANTITY (1-2 stands)

DISCOUNT (3+)



92210H Standup Printer/CRT Stand

**92210H Standup Printer/CRT Stand.** The 38 inch height provides a convenient walk-up inquiry/reference station or system console operation. 280 mm (7 in.) shelf adds stability and efficient storage for documentation and personal items.

A 30 x 34 inch top easily accommodates any of HP table-top printers or CRT's. A slotted top allows for bottom paper feeding. Slot size is 4 x 19 in. (102 x 483 mm). For rear paper feeding there is a 1½" opening between the back of the stand and the printout catcher (included with each stand).

Dimensions: **Stand** – Height 965 mm (38 in.); Width 762 mm (30 in.); Depth 343 mm (13.5 in.).

Dimensions: **Printout Catcher** – Height 152 mm (6 in.); Width 432 mm (17 in.); Depth 343 mm (13.5 in.).

NOTE: Shipped by truck. Shipping weight 34 kg (75 lbs.).

QUANTITY (1-2 units)

DISCOUNT (3+)



92210T Work Station (with 92171U)

**92210T Mobile CRT Work Station.** Designed with a pullout keyboard surface for HP terminals with detachable keyboards. Programmers and data entry personnel will be more productive by having the CRT screen at a comfortable viewing height and the keyboard at a comfortable keying height. Same convenient cable management as the other 92210 series work stations. 4 casters (2 locking) provide mobility for the stand and its CRT. 280 mm (7 in.) shelf adds stability and efficient storage for documentation and personal items.

Dimensions: **Work Surface** – Height 720 mm (28.4 in.); Width 762 mm (30 in.); Depth 711 mm (28 in.).

Dimensions: **Keyboard Surface** (pulls out from under work surface) – Height 670 mm (26.4 in.); Width 597 mm (23.5 in.); Depth 305 mm (12 in.)

NOTE: Shipped by truck. Shipping weight 50 kg (110 lbs.)

QUANTITY (1-2 units)

DISCOUNT (3+)

## Work Station for HP Computer Products

**92170G Work Station Table** provides a very attractive and durable work surface easily integrated with a wide variety of HP computer equipment. This table is a perfect match in dimensions, form and color with the new HP 7908/11/12 Disc/Tape Drives. The pearl gray and cocoa brown steel table is designed to be a showcase for existing and future HP computers, terminals, plotters, thermal printers and other computer peripherals. The table will ship with everything for customer assembly (approximately 10 minutes).

Dimensions: Height 720 mm (28.3 in.); Width 930 mm (36.6 in.); Depth 711.8 mm (28 in.)

NOTE: Shipped by truck.

QUANTITY (1-2 tables)

DISCOUNT (3+)

## Adjustable Copy Holder

**92171A Copy Holder** is easily adjusted; you can position it where you need it for the most efficient reading of copy.

It clamps to vertical or horizontal surfaces up to 31.8 mm (1.25 in.) thick, and has a maximum reach of 762 mm (30 in.). The line guide is moveable, and friction locks securely hold the position you have selected.

QUANTITY (1-2 holders)

DISCOUNT (3+)



## Increasing Productivity with HP's MPN

HP's Manufacturers Productivity Network is designed around our business and technical computers. The MPN concept builds on individual products from HP's computer and instrument product lines. It allows companies to increase their productivity by linking computer applications and resources throughout their organization.

To support this new productivity partnership between HP and our customers, new lines of office furniture and supplies are being introduced in this catalog. These and future offerings, along with the other HP quality supplies, are designed to improve productivity by making the office environment a better place to work.



92171T CRT Turntable

## CRT Turntables

**92171T CRT Turntable** for properly positioning and sharing terminals. Turns 360 degrees (but not beyond) on a strong, positive-position ball bearing mechanism. The putty color matches HP's Computer Work Station Furniture (92210) and HP's Storage/Security Cabinets (92172). Dimensions: Height 32 mm (1.25 in.); Width 508 mm (20 in.); Depth 610 mm (24 in.).

QUANTITY (1-2

DISCOUNT turntables)

(3+)



92171U Tilting Turntable

**92171U Tilting Turntable** provides a tilting range of up 5° and down 5° from horizontal with 9 different positions. Each operator can easily position the CRT to the ideal viewing angle to minimize glare and reduce neck, back and eye strain – for greater operator productivity.

The turning mechanism allows the CRT to be shared by two or more operators – for greater machine productivity. Turns 360 degrees (but not beyond). Slight turning resistance keeps CRT in the desired position and turns only when you want it to turn. Dimensions: Height 95 mm (3.75 in.); Width 495 mm (19.5 in.); Depth 610 mm (24 in.).

QUANTITY (1-2

DISCOUNT turntables)

(3+)



## Storage Cabinets

### Ready for Immediate Shipment

That's right, there's no waiting with HP! We keep these cabinets in stock – with all shelves and hanger bars already installed in place inside the cabinet – ready for shipment just as soon as we receive your order.

These cabinets are designed specifically to meet the media, documentation, and supplies storage requirements of all HP system users.

The cabinets are extremely well built of welded steel for enduring strength and reliability, and with tambour roll-up doors of high-impact plastic for lightness and ease of use.

The roll-up door makes particularly efficient use of available space, which means more useful storage space inside the cabinet for your requirements. When the door is open, access to any part of the cabinet is easy. And with the door closed and locked, your valuable media, program listings and supplies are safe and secure.

Cabinets and doors are "putty" colored, to match or complement a wide range of HP products.

Necessary attachments and instructions are included with all cabinets.



Documentation/storage shelf has 3 moveable dividers. Tall enough (35 cm; 13 3/4 in.) for metric A4 binders.

Mag tape hanger bar securely holds up to 35 reels in seals.

Hanger bar for printouts, with 20 printout hangers included with cabinet. (Mag tape can also be hung from this bar).

Top roll-out shelf. Moveable (and removable) dividers form up to 14 compartments. Vertical clearance 12.7 cm (5 in.).

Bottom roll-out shelf. Vertical clearance 12.7 cm (5 in.).

Storage 38.7 cm (15 1/4 in.) high.

Storage 33.7 cm (13 3/4 in.) high.

Keyed lock for door.



### 92172A Work Station/Security Cabinet

Shelves are all pre-installed. Sent separately are the rugged walnut-grained plastic top, which affixes easily to top of cabinet – and the roll-out shelf dividers which you simply drop in place on either top or bottom roll-out shelf as you prefer. (Media and supplies pictured are not included in cabinet price).

Exterior dimensions: Height 119.5 cm (47 in.); Width 92 cm (36 1/2 in.); Depth 47 cm (18 3/4 in.).

Interior dimensions: Width 86 cm (33 3/4 in.); Depth 41 cm (16 1/2 in.). See callouts above for interior height information.

Cabinet and door are both "putty" color.

NOTE: Shipped by truck. Shipping weight – 120 kg (263 lbs.).



*The 92172A and 92172B cabinets have convenient roll-out shelves with fully adjustable width/depth dividers; ideal for small supplies like mini data cartridges, plotter pens, printwheels, etc. If desired, dividers may be totally removed for storing disc packs/cartridges or other large items.*

### 92172B Universal/Security Cabinet

Shelves and hanger bars are all pre-installed. Sent separately and included in the cabinet price are 20 printout hanger cartridges (light blue color; each cartridge holds printouts up to 2.5 cm (1 in.) thick), and the roll-out shelf divider unit which drops securely onto either top or bottom roll-out shelf (Media and supplies pictured are not included in cabinet price).

Exterior dimensions: Height 180 cm (71 in.); Width 92 cm (36 1/2 in.); Depth 47 cm (18 3/4 in.).

Interior dimensions: Width 86 cm (33 3/4 in.); Depth 41 cm (16 1/2 in.). See callouts above for interior height information.

Cabinet and door are both "putty" color.

NOTE: Shipped by truck. Shipping weight – 133 kg (291 lbs.).





Documentation shelf is tall enough (35 cm, 13 3/4 in.) for metric A4 binders.

Each mag tape hanger bar securely holds up to 35 reels in seats.

Each printout hanger bar holds up to 28 printout cartridges (Mag tape can also be hung from these bars).

Keyed lock for door.



### 92172C Printout/Documentation Security Cabinet

This cabinet has a documentation shelf at top for binders and storage. The printout hanger bars provide a unique method for storing computer printouts and make frequent retrieval of data convenient. Documentation shelf and printout hanger bars are all pre-installed (binders and printout hanger cartridges pictured are not included in cabinet price).

Exterior dimensions: Height 180 cm (71 in.); Width 92 cm (36 1/2 in.); Depth 47 cm (18 1/2 in.).

Interior dimensions: Height 165 cm (65 in.); Width 86 cm (33 3/4 in.); Depth 41 cm (16 1/2 in.).

Cabinet and door are both "putty" color.

NOTE: Shipped by truck. Shipping weight—105 kg (231 lbs.)

### Printout Hanger Cartridges

Box of 10 cartridges for use with the 92172B and 92172C cabinets. (NOTE: 20 Lt. Blue Cartridges are included and shipped with each 92172B cabinet.).

Each cartridge can hold printout thicknesses up to 2.5 cm (1 in.) and has adjustable pins to hold any printout where the width between pin feed holes on each edge is between 28.5 and 37.9 cm (11 1/4-14 7/8 in.). Cartridges are hinged for easy loading and unloading. Self-adhesive labels are included.

**92172P Box of 10 Lt. Blue Cartridges**

**92172R Box of 10 Red Cartridges**

**92172Y Box of 10 Yellow Cartridges**

QUANTITY\* (1-2 boxes)

DISCOUNT (3+)

\* NOTE: Discounts apply to quantity purchase of single part numbers only.

### 92172D Magnetic Tape Security Cabinet

The tape hanger bars are designed to accommodate one-half inch of industry compatible magnetic tape in tape seal only. Up to 175 of either 600 ft., 1200 ft., or 2400 ft. reels of tape may be stored in any combination. Spring-loaded rear panel makes retrieval easy and fast. Mag tape hanger bars are all pre-installed (Media pictured is not included in cabinet price).

Exterior dimensions: Height 180 cm (71 in.); Width 92 cm (36 1/2 in.); Depth 47 cm (18 1/2 in.).

Interior dimensions: Height 165 cm (65 in.); Width 86 cm (33 3/4 in.); Depth 41 cm (16 1/2 in.).

Cabinet and door are both "putty" color.

NOTE: Shipped by truck. Shipping weight—102 kg (224 lbs.)





### 92172E Library Tape Rack

Organize your tapes and conserve valuable floor space. Our high density Library Tape Rack provides time and space saving organization of your magnetic tape. Up to 300 of either 600 ft., 1200 ft., or 2400 ft. tape reels in seals may be stored in any combination. Spring-loaded rear panel makes retrieval easy and fast. Library racks are pre-assembled for immediate use and are extremely well built for enduring strength and long life.

Dimensions: Height 200 cm (79 1/2 in.); Width 127 cm (49 7/8 in.); Depth 33 cm (13 1/16 in.)

NOTE: Shipped by truck. Shipping weight - 37 kg (80 lbs.)

### Paper Transporter

See 92173P on page 24.



### Halon Fire Extinguishers (sold by HP in U.S. only)

Halon 1211 is a "clean" and especially effective fire extinguishing agent for use on or near computer equipment and media. It is easy to use, blankets a fire quickly, and penetrates obscured areas.

- Leaves no residue
- No cold shock to equipment
- No electrical shock to user
- Will not affect most delicate fabrics

HP's Halon fire extinguishers are quality constructed of heavy duty steel cylinders, with a corrosion and impact-resistant epoxy red finish. Yet, they are lightweight (about half as heavy as CO2 types), and easy to use. Includes mounting bracket. Currently sold by HP only in the U.S. Refillable.

#### 92208B 5 lb. Extinguishing Capacity.

(U/L Rated 10B: C)

QUANTITY (1-2)

DISCOUNTS (3+)

#### 92208C 9 lb. Extinguishing Capacity.

(U/L Rated 1A: 10B: C)

QUANTITY (1-2)

DISCOUNTS (3+)

#### 92208D 13 lb. Extinguishing Capacity.

(U/L Rated 2A: 40B: C)

QUANTITY (1-2)

DISCOUNTS (3+)

### Static Control Floor Mats

Data error or loss are often the unwanted result of electrostatic voltages introduced to terminals and other computer equipment as they are touched by operating personnel.

Now you can increase the reliability of your electronic equipment with these unique static control mats from HP. These mats reduce static problems by draining away static voltages when stepped on by personnel, before they operate the equipment.

**Static Control Mats.** These mats are grounded so they can never become overloaded with a static charge. A 4.5 m (15 ft.) ground cable is included. It snaps to one corner of the mat with the other end connected to a convenient electrical ground. Static electricity is harmlessly drained from people to ground.

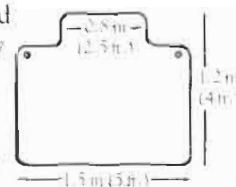
#### 92175A Black Hard Surface Mat

- For Sit-Down Applications - casters chairs will roll easily on mat
- Shaped to fit most desks/workstations
- Volume conductive
- Anti-shock

NOTE: Shipped by truck.

QUANTITY (1-2 mats)

DISCOUNT (3+)



#### 92175B Chocolate Brown Soft-Surfaced Mat

- For Stand-Up Application
- Cut-to-fit space requirements
- Intrinsic conductivity
- Anti-shock
- Foam backing has both anti-skid and anti-fatigue characteristics

NOTE: Shipped by truck.

QUANTITY (1-2 mats)

DISCOUNT (3+)





92175A Hard-Surfaced Mat with grounding wire.

**92175C Small Black Hard-Surface Mat**

- For Sit-Down Applications – casters chairs will roll easily on mat
- Ideal for terminal and processing data entry
- Volume conductive
- Anti-shock

NOTE: Shipped by truck.

QUANTITY (1-2 mats)

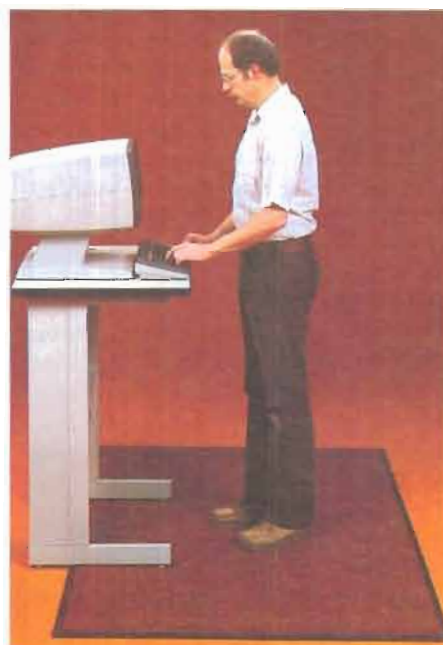
DISCOUNT (3+)



**Anti-Static Carpet Mats**

**Anti-Static Carpet Mats.** Carbon-impregnated filaments are woven into carpet so anti-static protection remains even after washing.

- Mats edge finished
- Non-skid backing
- Available in two colors (See photos)



92176C Anti-Static Mat



Russet



Natural

Size: 1.2 x 1.8 m (4 x 6 ft.)

**92176A** Natural color

**92176C** Russet color

QUANTITY (1-2 mats)

DISCOUNT (3+)

Size: 1.2 x 2.4 m (4 x 8 ft.)

**92176B** Natural color

**92176D** Russet color

QUANTITY (1-2 mats)

DISCOUNT (3+)

**Cordless Tape Winder**

**12575C Tape Winder** has no power cord to get in your way, yet you save the expense of replacing batteries. It will operate at least 30 minutes without recharging. Input voltage to the recharger is switchable 115/230 Vac, 50-60 Hz.

Winder has "touch to operate" trigger switch, anodized aluminum tape plate with 3 pins, and comes with its own recharger/holder.

QUANTITY (1-3 units)

DISCOUNT (4+)





## HP Series 80 Computer

### Graphics: HP Series 80

**Graphics Presentations.** Prepare professional quality charts and overhead slides for management meetings, customer presentations, sales meetings, management reports, and much more. Text and illustrations can be easily prepared without programming. Simply respond to a series of easy to answer questions to generate text and pie, bar, or line charts. Text and chart labels can use 9 sizes and 3 types of letters. Text can be centered, underlined, or both. Graphs and charts can use 6 different types of lines or 6 types of hatching. †(HP 83: B, E, J, M; HP 85: A, B, E, F, J; HP 87: B, J)

For HP 83/85:

00085-13038\*

For HP 87:

00087-13002\*

(HP 87 version available June, 1982)

### Statistics/Mathematics: HP Series 80

**General Statistics.** A flexible set of easy to use statistical routines for data evaluation. Single and paired sample analysis, test statistics, continuous and discrete distributions, and multiple linear regression are included. †(HP 83: M)

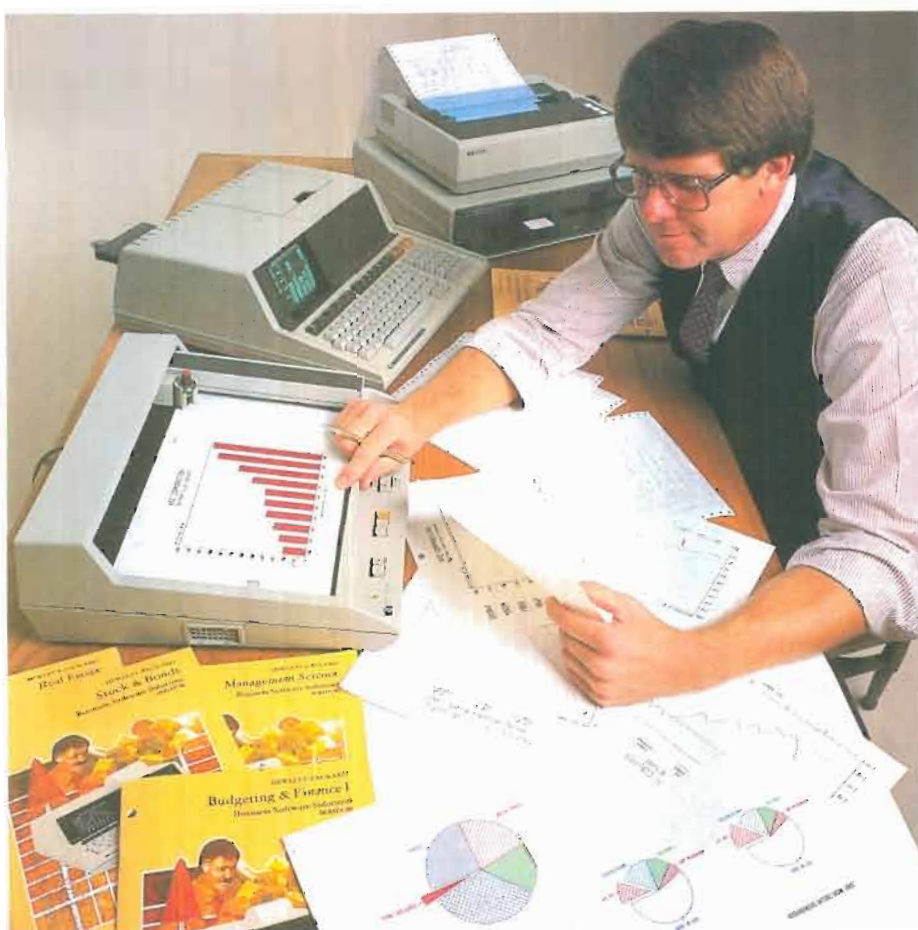
For HP 83/85/87:

00085-13003\*

**Basic Statistics & Data Manipulation.** Provides common data base for statistics software pacs (excluding General Statistics above). Routines for data entry, editing, output, sorting, and transformation are included. Computes many basic statistics. †(HP 83: M)

For HP 83/85/87:

00085-13036\*



HP 85 Computer and Peripherals

**Regression Analysis.** Find the relationship between a dependent variable and one or more independent variables. Polynomial and multiple linear regression (including four variable-selection procedures) routines are provided. A table of residuals is printed. Data entry using Basic Stat & Data Manipulation pac above. †(HP 83: L, M; HP 85: L)

For HP 83/85/87:

00085-13037\*

**Linear Programming.** Solves a wide variety of optimization problems using a modified simplex method that incorporates variable bounds. Applications include chemical blending, production scheduling, profit optimization, and lots more.

†(HP 83: M)

For HP 83/85/87:

00085-13011\*

**Math.** Provides quick access to commonly employed mathematical routines used in calculus, numerical analysis, linear systems, geometry, and more. Full descriptions, plus relevant equations, examples, other helpful data. †(HP 83: M)

For HP 83/85/87:

00085-13005\*

**Statistical Analysis Pac.** Contains General Statistics (00085-13003), Basic Statistics & Data Manipulation (00085-13036) and Regression Analysis (00085-13037) at a bundled discount price. (HP 83: L, M; HP 85: L)

For HP 83/85/87:

00085-13058\*





HP Series 80 Computer

### Engineering: HP Series 80

**AC Circuit Analysis.** Model your circuit and examine its AC performance quickly and accurately. Determine steady state AC behavior of electrical networks including resistors, capacitors, inductors, voltage-controlled and independent current sources. †(HP 83: M)

For HP 83/85/87:

**00085-13006\***

**Waveform Analysis.** Performs fast Fourier transforms on frequency domain data. Computes correlation function and power spectrum, plus Fourier series coefficients. Double data block entry for cross correlation, power spectrum, and for convolution. Plot or print output. †(HP 83: M)

For HP 83/85/87:

**00085-13035\***

**Surveying.** Contains group of programs to aid surveyors in many of their most often encountered computations. Fast, easy calculations and maintenance of coordinate points for easy recall. †(HP 83: M)

For HP 83/85/87:

**00085-13046\***

(HP 87 version available May, 1982)



**Electronic Engineering Pac.** Contains AC Circuit Analysis (00085-13006), Waveform Analysis (00085-13035) and Math (00085-13005) at a bundled discount price. (HP 83: M)

For HP 83/85/87:

**00085-13059\***

### Translated Software Packages


All of the Personal/Desktop Computer software packages shown in this catalog are written in the English language. For user convenience, some of the more popular software packages have been translated. Write or call your local HP Sales office for information about the software that is available in different languages.

### Business: HP Series 80

**VisiCalc® PLUS.** This electronic work sheet is a powerful software tool for analysis and solution of complex business and scientific problems. Now enhanced with an extremely useful graphics capability. Any cell in a 254 x 63 matrix may contain a label, numeric value, or calculated result using other cells (1600 cells maximum). Makes financial planning and other analyses easy because the program automatically updates other rows and columns when changes are made. The "PLUS" is an ability to produce line, bar, and pie charts from row and column information without entering new data. †(HP 83: B, E, J, K, M; HP 85: A, B, E, F, J)

For HP 83/85:

**00085-13042\***

 For HP 87:

**00087-130001\***

**Financial Decisions.** An easy to use aid in evaluating financial decisions. Programs include: compound interest, loan amortization, discounted cash flow, and depreciation. Interest conversions, bonds, notes, breakeven analysis, and odd days interest. †(HP 83: M)

For HP 83/85/87:

**00085-13004\***


(HP 87 version available May, 1982)

**Text Editing.** Write memos, outlines and reports on the display screen. Edit copy, save it on tape or disc, or print it. Variable input/output of text files. Tab, plus add, delete, replace, renumber, and move lines. Matched string search and replace.

†(HP 83: B, K, M)

For HP 83/85:

**00085-13034\***

 **Information Management (IMPac)** Provides a powerful, flexible, system for list management. Each record can be 20 to 1024 bytes long. Fields can be defined as Alphanumeric, Numeric-Only, and Dollars. Has Create, Update, Search and Extend programs — plus a querying system, report writer, and extensive graphics capabilities. On flexible disc only. †(HP 83: B, E, J, K, M; HP 85: B, E, J, M)

For HP 83/85:

**00085-13045\***

\* Also available from authorized HP Personal Computer dealers, at this recommended price.

HP Series 80 software terms, see inside back cover.

VisiCalc® is a registered trademark of Personal Software Inc.



## HP Series 80 (Cont.)

**File Manager.** Create a file structure and enter data into it; then perform searching, sorting, reporting and plotting functions within that structure. File Manager can handle up to 1000 records of 1000 bytes each; file size is dependent on the capacity of your mass storage device. Files can be searched on up to 10 conditions. Report results in one of 3 versatile formats, or create attention getting line, curve, bar and pie charts. On flexible disc only. †(HP 83: B, E, J, K, M, P; HP 85: B, E, J, M, P) For HP 83/85:

**88103A\***

(Available April 15, 1982)

### General/Utility: HP Series 80

**BASIC Training.** Self-teaching course for novice users. Proceed at your own pace. Prerecorded media provides guide to operation and programming. Prepares users for more advanced operations. †(HP 83: M) For HP 83/85:

**00085-13002\***

**Games.** Provides an entertaining way to become familiar with the keyboard and operation of the HP 83/85/87 Personal Computer. †(HP 83: M)

For HP 83/85/87:

**00085-13010\***

(HP 87 version available May, 1982)

**Games II.** Graphic, arcade type games to provide both entertainment and familiarization with the keyboard and general operation of the HP 83/85/87 Personal Computer. †(HP 83: M)

For HP 83/85:

**00085-13057\***

**Data Communications.** Turn your HP 85 into an intelligent remote terminal that will communicate with other asynchronous computers and terminals. Transmission rates range from 50 to 9600 baud. You can transfer data files to a remote device (uploading) or from a remote device to your HP 85 (downloading). Print reports, store and retrieve data, plot graphs and use other Series 80 peripherals while you are on line. †(HP 83: A, D, E, G, K, N; HP 85: A, D, E, G, N; HP 87: D, G, N) For HP 83/85/87:

**00085-13044\*††.** Call HP Office or Dealer

† HP 87 computers all require an external printer and disc memory. (H&K below). Additional system elements, if required to operate Software Pac with HP 83, HP 85 or HP 87 Main-frame:

- A ROM Drawer (HP 82936A)
- B Plotter/Printer ROM (HP 00085-15002)
- C Mass Storage ROM (HP 00085-15001)
- D I/O ROM (HP 00085-15003)
- E 16k Memory Module (HP 82903A)
- F HP-IB Interface (HP 82937A)
- G Serial Interface (HP 82939A)
- H Disc Memory (HP 82900-series, 9895A, 9134A, or 9135A)
- J Plotter (HP 7225B, w/HP 17601A module or HP 7470A)
- K Printer (HP 82905A/B or HP 2671A/G)
- L Basic Stats & Data Manipulation Software Pac (HP 00085-13036)
- M Items A, C, F & H listed above
- N MODEM (HP 82950A)
- P Advanced Programming ROM (HP 00085-15005)

\* Also available from authorized HP Personal Computer dealers, at this recommended price.

†† Some software may require additional support. Contact your local HP Sales Office (pages 1-1 and 1-2) or the authorized HP dealer in your area for details about the product, price or support.

Don't forget to order Series 80 supplies:

- Thermal paper, page 10
- Data cartridges, page 10
- Data cartridge storage items, page 8
- Flexible discs, page 5
- Flexible disc storage items, page 5
- HP-IB cables, page 25

Order work station furniture on page 32

HP Series 80 software terms, see inside back cover.

## Series 80 User's Library

You can have access to a multitude of programming ideas and software solutions through membership in the Series 80 User's Library. Members receive the Series 80 Software Catalog (with periodic updates) which contains summaries of both contributed programs and application packages. Business management, engineering, math, statistics and physical sciences are just a few of the application areas listed in the catalog. Membership also includes a discount on contributed programs and participation in special promotions for library members.

A one year subscription is \$40.00 (U. S. and Canada). To obtain more information, write to:

SERIES 80 USER'S LIBRARY  
HEWLETT-PACKARD  
PERSONAL COMPUTER DIVISION  
1010 N.E. CIRCLE BLVD.  
CORVALLIS, OR 97330



HP 125 Personal Office Computer

## HP 125 Office Computer

### Graphics: HP 125

**GRAPHICS/125.** Easy to use software provides sophisticated local graphics capabilities. No programming knowledge is required to use this software. Professional quality multicolor graphs and charts are created easily after filling in a menu on the computer display.

Numerical data is transformed into pie charts, bar charts, linear and logarithmic graphs. Graphics are produced on standard paper or overhead transparencies for group presentations.

Required: 7225B w/17601A Interface or 9872C plotter and cable.  
**45532A\*\***

### Business: HP 125

**VisiCalc®/125.** Provides a powerful capability to manipulate rows and columns of numerical data shown on the computer display. Each entry may contain a label, number, or a mathematical formula. Data entry

is simplified by entering one number and a formula to calculate the remaining numbers in a row or column. A full range of commands are available to calculate totals, averages, net present values, trigonometric and math functions, and more.

"What if..." questions can be answered by easily changing assumptions and data in the worksheet. All numbers affected by the change are recalculated immediately and the new results are displayed. Any part of the worksheet (64 columns by 254 rows) can be viewed on the computer display by moving the cursor.

The worksheet can be sent to a printer or saved on disc for later use.

**45531A\*\***

VisiCalc® is a registered trademark of Personal Software Inc.

**WORD/125.** A full feature word processor program designed for use by office personnel. The computer display screen shows the portion of text being edited. A variety of commands execute corrections, insertions, and move blocks of text on the screen. Finished text can be reviewed before printing. WORD/125 uses screen labeled function keys to provide a wide variety of powerful commands. The labeled keys guide the

## Translated Software Packages

All of the Personal/Desktop Computer software packages shown in this catalog are written in the English language. For user convenience, some of the more popular software packages have been translated. Write or call your local HP Sales office for information about the software that is available in different languages.

operator step-by-step through the entire document preparation process. WORD/125 also maintains and sorts mailing lists. Mailing lists can be merged with form documents to create "customized" letters.

Required: 2601A, or 2631B, or 2671A, or 82905B Serial Printer and cables or 45500A Opt. 050 Thermal Printer.  
**45533A\*\***

## General/Utility: HP 125

**LINK/125.** An easy to use communications program that transfers data files between the HP 125 and HP 3000 computers. This software turns the HP 125 Personal Office Computer into a distributed processor. Remote files can be accessed, transferred to the HP 125, and processed locally. Results can be stored locally, output to printer, and transferred back to the HP 3000. LINK/125 also provides push button execution of predefined QUERY/3000 procedures with inquiry results reported back to the HP 125 screen or local files. Bidirectional file transfers are supported via hardwired or remote connections.

**45534A\*\***

\*\*Order software without option for 3 1/2 in. flexible disc. Order software with option QSD for 8 in. flexible disc at no additional cost.

Also available from authorized HP Personal Computer dealers at this recommended price.

HP 125 software terms see inside back cover.  
CP/M® is a registered trademark of Digital Research, Inc.



**BASIC/125.** The BASIC/125 interpreter provides one of the most extensive implementations of BASIC available on a microcomputer. Features and performance are provided that are found in languages operating on large minicomputers. BASIC/125 meets the requirements for the ANSI subset standard for BASIC, and it offers many advanced features such as PRINT USING, IF/THEN/ELSE, and ON ERROR GO TO. **45535A\*\***

**HP 125 Programming Package.** The Programming Package is designed for the programmer writing at the microcode level for the CPM® operating system. Utility programs supplied include an assembler, loader, and debugger for 8080 and Z-80 microcode. Also included is a full reference manual describing the functions of the HP 125 system and how to programmatically access the feature set. **45536A\*\***

### HP 125 Software Updates

Low cost updates will be available for HP 125 software. Each update consists of a new flexible disc loaded with the latest revision of the software and a complete list of documentation changes.

Watch for periodic announcements from Hewlett-Packard, telling about the latest revision and how to order it. Or, for more information, U.S. customers call the HP Distribution Center toll free 800-538-8787 (California, Alaska, Hawaii call 408-738-4133 collect). International customers call your local HP sales office.

\*\*Order software without option for 5¼ in. flexible disc. Order software with option 550 for 8 in. flexible disc at no additional cost.

Also available from authorized HP Personal Computer dealers at this recommended price.

HP 125 software terms, see inside back cover.

CPM® is a registered trademark of Digital Research, Inc.



HP 9826A Desktop Computer

### HP 9826A/9836A Desktop Computer

#### Graphics: HP 9826/9836

**Graphics Presentations.** Produces bar charts, line charts and pie charts. Featuring 4 character fonts, the pack can also create 7-color overhead slides. This information can be transferred to paper or acetate transparencies.

Required: Opt. 011 or 711, 98256A.\* 9872. **98815A**

#### Statistics/Mathematics: HP 9826/9836

**Statistics Library Part I.** Designed as a basic library of general statistics. Part I consists of Basic Statistics and Data Manipulation, General Statistics, Statistical Graphics, and Regression Analysis. A total of 5 discs.

Required: Opt. 011 or 711, 98256A.\* **98820B**

**Statistics Library Part II.** Designed as an advanced statistical analysis library. Part II consists of Monte Carlo Simulation Utilities and Routines, Analysis of Variance, and Principal Components and

Factor Analysis. It is necessary to have Part I for Part II to run. Part II contains 5 discs. Required: Opt. 011 or 711, 98256A.\*

#### 98820C

##### **Numerical Analysis Library.**

Contains seven main sections: root-finders, numerical integration, ODE solvers, Eigen analysis, interpolation, general functions and Fourier analysis.

Required: Opt. 011 or 711, 98256A.\* **98821A**

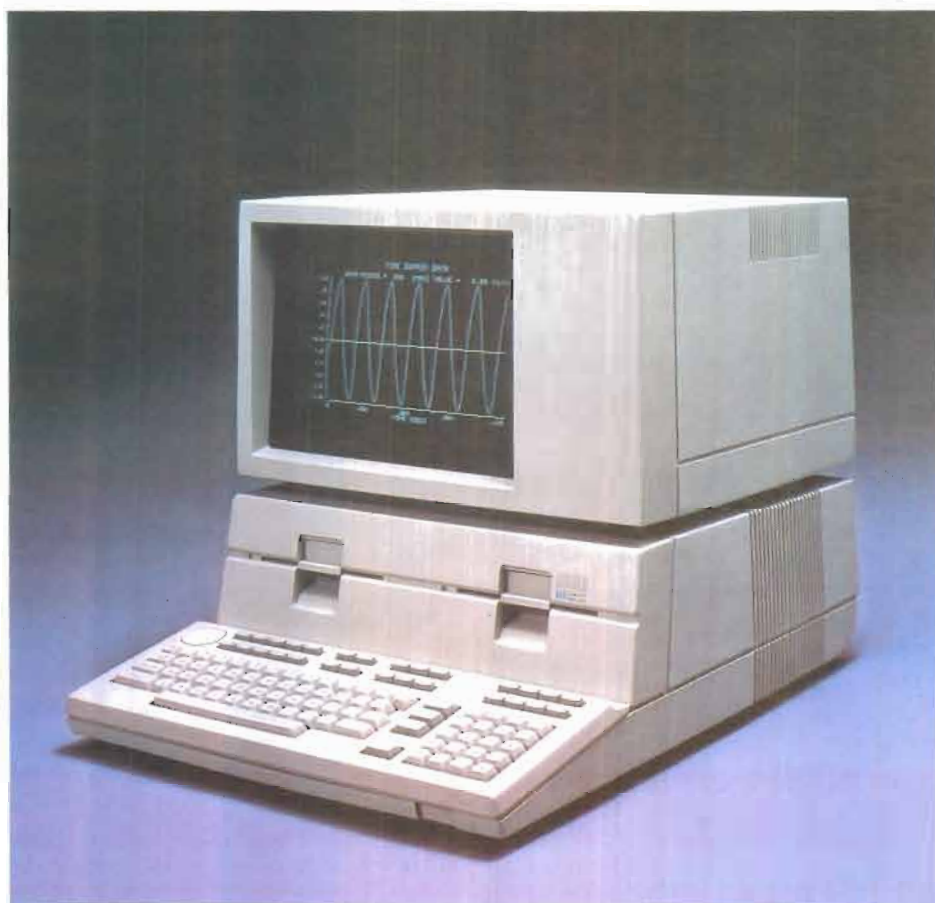
#### Engineering: HP 9826/9836

**AC Circuit Analysis.** Calculates the frequency response of linear circuits. Magnitude, phase, time and impedance plots are available. These plots can include the effects of component tolerances.

Required: Opt. 011 or 711, 98256A.\* **98825A**

**Linear Systems Analysis.** Provides "classical" tools needed for analyzing single input/single output linear systems. The following analysis plots are available: Root Locus, Nyquist, Step Response, Impulse Response and Bode. Linear systems can be in the form of a control system block diagram or a simple transfer function in Laplace (S) notation.

Required: Opt. 011 or 711, 98256A.\* HP-IB printer. **98826A**



HP 9836A Desktop Computer

**Waveform Analysis.** Provides discrete mathematical representation of data via Fourier transforms and associated algorithms such as convolution and correlation. Outputs may be displayed, printed or plotted.

Required: Opt. 011 or 711, 98256A.\*

**98827A**

(Available May, 1982)

**Digital Filter Design.** Provides the tools necessary for designing digital filters. Includes routines for designing both Infinite Impulse Response (IIR) and Finite Impulse Response (FIR) digital filters. Also included are routines for transforming analog filter functions,  $H(s)$ , to digital transfer functions,  $H(z)$ . Once the pack has computed the filter coefficients, both magnitude and phase plots are available to measure the actual performance of these filters.

Required: Opt. 011 or 711, 98256A.\*

**98828A**

### Desktop Computer Software Catalog: HP 9826, 9835, 9836 & 9845

Single reference source for HP-developed programs, 3rd-party software suppliers, and exchange library programs for HP 9826/9835/9836/9845 Desktop Computers. Lists and describes several hundred programs including: engineering, math & statistics, life and physical sciences, business management, and utilities. Annual membership in SOFTWARE CATALOG SUBSCRIPTION SERVICE includes a catalog, several updates per year, and ability to order low-cost programs from the library.

Customers may obtain more information about this service by writing to:

Hewlett-Packard Company  
SOFTWARE CATALOG  
SUBSCRIPTION SERVICE  
3404 E. Harmony Rd.  
Ft. Collins, Colorado 80525

### Business: HP 9826/9836

**VisiCalc.** Provides a powerful "electronic worksheet" which allows for easy manipulation of numerical data, text and mathematical expressions. "What if..." questions can be answered by changing data and assumptions in the worksheet. Any information affected by a change will be automatically updated.

Required: 98256A.\*

**98810A**

VisiCalc® is a registered trademark of Personal Software Inc.

**Project Management.** Analyzes project networks using CPM, PERT, and MPM techniques. The output is in GANTT chart form.

Required: Opt. 011 or 711, 98256A.\*

**98817A**

**Forecasting.** Allows time series data to be analyzed, smoothed, forecast and plotted using a variety of statistical techniques.

Required: Opt. 011 or 711, 98256A.\*

**98818A**

### General/Utility: HP 9826/9836

**9826/9836 PASCAL Language System.**

**98261A** Opt. 715 .....†

**9826/9836 BASIC Utilities Library**  
(Shipped with HP 9826/9836)

For HP 9826:

**09826-10000** .....†

For HP 9836:

**09836-10000** .....†

\*256 K user RAM may be used in place of 98256A.

† Contact your local sales office for details of product, support or pricing.

Don't forget to order supplies for your 9826 or 9836.

Flexible discs, page 5

Disk storage items, page 5

HP-IB cables, page 25

and Printer paper, pages 21-23

Also, see page 32 for attractive and sturdy workstation furniture.

For add-on printers, see page 50.



## HP 9845B/C Desktop Computer

### Graphics: HP 9845

**Graphics Presentations (9845B/T).** Produces professional quality, highly effective bar, line and pie charts for management reports and presentations. Features four types of characters. Can be used to create overhead transparencies as well as charts.

Required: 9845B w/98411B (Opt. 311)

Graphics ROM and 9872 Plotter. 9845T requires 9872 Plotter.

**09845-10540**

**Graphics Presentations (9845C).** Same capabilities as for the 9845B/T above (09845-10540), but adds the color graphics capabilities of the 9845C.

Required: 9845C and 9872B/C Plotter.

**09845-15230**

### Statistics/Mathematics: HP 9845

**Basic Statistics & Numerical Analysis.**

Contains summary statistics as well as routines for entering, editing, naming, recording, sorting, transforming, and listing data for other statistics programs.

Required: 9845B/C.

**09845-15100**

**General Statistics.** Provides parametric and non-parametric tests for single sample, paired sample, two independent sample and multiple sample data. Has distributions that eliminate the need for tables. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700.

**09845-15130**

**Regression Analysis Methods.** Performs multiple linear regression as well as polynomial regression analysis. Variable selection methods using stepwise, forward, backward, or manual procedures. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700.

**09845-15110**

**Nonlinear Regression.** Using Marquardt's Method to fit nonlinear models with up to ten parameters; allows residual analysis. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700.

**09845-15140**



HP 9845C Desktop Computer

**Analysis of Variance.** Collection of analysis routines for statistically designed experiments. Includes factorial, nested, split-plot, one-way, two-way unbalanced and one-way covariate designs. Also, routines for generating contrasts, orthogonal polynomials, multiple comparisons and interaction plots. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700.

**09845-15170**

**Monte Carlo Simulation Utilities.** Includes advanced random number generators, random deviate generators for various statistical distributions. Also series of tests which aid in evaluation of simulation studies.

Required: 9845B/C.

**09845-15160**

### Principal Components and Factor

**Analysis.** Multivariate analysis including computation of principal components, factor extraction (principal axes, or maximum likelihood method), factor rotations, (orthogonal or oblique), and plots of case scores. Includes Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 150 or 250.

**09845-15080**

**Statistical Graphics.** Contains nine routines for plotting statistical data: time plot, histogram, probability plots, X-Y scatter plot, log-log plot, XYZ plot, and Andrews plot. Contains Basic Statistics (09845-15100) above.

Required: 9845B/C w/Opt. 311, 560, 700 and 9872 Plotter.

**09845-15200**



HP 9845B Desktop Computer

**Numerical Analysis Library.** Contains seven main sections for finding roots, numerical integration, solving ordinary differential equations, Eigen analysis, interpolation, general functions and Fourier analysis. Required: 9845B/C.

**09845-10350**

### Engineering: HP 9845

**AC Circuit Analysis.** Calculates frequency response of linear circuits. Magnitude, phase, time and impedance plots are available. Plots can include effects of component tolerance.

Required: 9845B/C w/Opt. 150 or 250.

**09845-12620**

**Waveform Analysis.** Provides discrete mathematical representation of data via Fourier transform and associated algorithms such as convolution and correlation. Output is display, print or plot. Required: 9845B/C w/Opt. 150 or 250.

**09845-12600**

Don't forget to order 9845 supplies:

- Data cartridges, page 7
- Data cartridge holders, page 7-8
- Thermal paper, page 21
- Flexible discs, page 5
- Disc storage items, page
- HP-IB cables, page 25
- Blank key overlays, page 5-6

Also, workstation furniture is shown on page 32.

**Linear Systems Analysis.** Provides classical tools needed for analyzing single input/output linear systems. System can be in form of control system block diagram or simple transfer function in LaPlace notation. Analysis plots include root locus, Nyquist, step and impulse response, and Bode.

Required: 9845B/C w/Opt. 150 or 250.

**09845-15190**

**Digital Simulation.** Gate-level simulation of digital logic networks. Allows timing and logic analysis with tabular or graph output. Required: 9845B/C w/Opt. 150 or 250.

**09845-12610**

### Business: HP 9845

**Forecasting.** Allows time series data to be analyzed, smoothed, forecast, plotted using a variety of statistical techniques.

Required: 9845B/C w/Opt. 311, 560, 700.

**09845-10610**

**Project Management.** Analyzes project networks, using PERT, CPM, and MPM techniques. Includes GANTT chart output. Required: 9845B/C w/Opt. 311, 313, 560, 700, 9885M/S.

**09845-11100**

**List Management.** Manages a names file sorting, sublisting, editing, and other listing needs.

Required: 9845B/C w/Opt. 560, 600 (or 9871 or 2631).

**09845-10630**

## Software Support

HP offers SYSTEMS INFORMATION SERVICE (SIS) for your desktop and personal computers. You can get maximum benefit from your new computer and software by taking advantage of the features of this service.

SIS includes the following:

- Phone In Consulting provides you with telephone access to a trained HP Systems Engineer, enabling you to ask questions regarding problems encountered with HP software or to seek advice on resolving programming difficulties.
- The Software Status Bulletin is a periodic document that includes timely information on the operational status of HP software and documentation. It also includes temporary corrections or work-arounds for discrepancies in HP software.
- The Communicator is a very useful periodical containing operational tips, programming techniques and items of general interest for your system.
- Reference Manual Updates are also provided as they are made available to keep your reference library up to date on a timely basis.

HP also offers extensive educational services in support of our systems. Courses are provided for many levels of capability. You can receive this training at many HP locations or at your own facility.

## Translated Software Packages

*All of the Personal/Desktop Computer software packages shown in this catalog are written in the English language. For user convenience, some of the more popular software packages have been translated. Write or call your local HP Sales office for information about the software that is available in different languages.*

Contact your nearest HP Sales Office (pages I-1 and I-2) for more information about the SIS products and HP Training Courses for your specific system.



**General Utility: HP 9845**

**Asynchronous Terminal Emulator.** Provides asynchronous terminal capability for the 9845B; including line mode and character mode terminal emulation.

**09845-10140\*\*.** . . . Contact Sales Office

**High Speed Asynchronous Terminal Emulator.** Provides asynchronous terminal capability for the 9845B/C. Line mode and character mode terminal mode emulations are included.

**09845-10180\*\***

**2780/3780 Terminal Emulator.** Provides bisynchronous terminal capability for the 9845B/C.

**09845-10190\*\***

**Distributed Systems 45/35.** Provides terminal emulation and file transfer to an HP 3000 configured for distributed system networking. Also provides break-mode capability and file transfer to an HP 1000 configured for distributed system networking.

**09845-10210\*\***

**Flexible Disc Utilities.** Offers utility programs for use with HP flexible disc mass storage devices.

**09845-10090\*\***

**IBM Flexible Disc Utilities.** Offers utility programs for use with IBM and HP formatted discs.

**09845-10740\*\***

**Query 45.** Data Base Management interactive inquiry program. Performs data base definition, data retrieval, updating, and listing.

**98428A\*\***

**DBM/Statistics Linkage.** Offers a capability to format QUERY/45 data for use with statistics programs; also enters Basic Statistics data into data base.

**09845-14830\*\***

**Utility Library.** Contains programs for graphics, finance, statistics, numerical analysis, sorts and information management. Supplied free with each 9845B/C.

**09845-10200\*\***

**Utilities II Library.** Provides a variety of useful and powerful utilities.

**09845-10150\*\***

Don't forget to order HP 9845 supplies:

Data cartridges, page 7

Data cartridge holders, page 7

Thermal paper, page 21

Flexible discs, page 5

Disc storage boxes, page 5

HP-IB cables, page 25

Blank key overlays, page 22

Also, workstation furniture is shown on page 32.

\*\*Contact your local sales office for details of product, support or pricing.

HP 9845 software terms, see inside back cover.



HP 2647A Intelligent Terminal

### Other HP 9845 Software Available:

**Computer Aided Presentations.**

**98816A\*\***

**7908/9845 B or C Integrated Backup Utilities.**

**09845-10840\*\***

**Engineering Graphics System/45.**

**98300A\*\***

### HP 2647A Intelligent Graphics Terminal

#### Graphics: HP 2647

**Multiplot and Slide Software (Rev. F)**

Produce professional quality charts and slides for presentations and reports.

Numeric data can be plotted quickly and easily in the form of pie, bar and line charts. Text slides can be produced. Multicolor charts and overhead transparencies are previewed and modified on the terminal screen before sending to an HP graphics plotter or printer.

NOTE: Rev. F supports the 9872C Plotter.

**02647-13301**

**Graphics Presentation Resource Pac.**

Contains a variety of useful programs which can be used to prepare graphical pre-

sentations of data. The user is guided by an easy to use command menu. Programs allow the user to produce a variety of business graphics such as enhanced pie, bar, and linear charts. Additional programs allow the user to create flowcharts, diagrams and organization charts; and electronic circuit drawings.

**13257B**

#### Statistics/Mathematics: HP 2647

**Statistical Analysis Resource Pac.** Offers a variety of programs that provide solutions to the most frequently used statistical operations: basic statistics, curve fitting, regressions, analysis of variance, confidence limits, and more. Many programs provide optional graphical output capability.

**13257D**

**Mathematical Analysis Resource Pac.** Offers a variety of programs that provide solutions to the most frequently used mathematical operations. Programs are included for: differentiation, integration, finding roots of polynomials, interpolation, matrix and vector operations.

**13257C**

## Business: HP 2647

**Project Management Analysis Resource Pac.** Offers a variety of easy to use programs to assist project managers to improve planning, control and overall decision making of their projects. Easy to communicate visual representations of project status and organization are provided with optional graphic display and color plotter output. Time value of money programs are included, along with CPM and Gantt Chart programs.

13257F

Don't forget to order 2647 supplies:

Data cartridges, page 7

Data cartridge holders, page 8

Key overlays, page 14

Also, workstation furniture is shown on page 32.

HP 2647 software terms, see inside back cover.

## Self-Paced Learning



22832A Cobol Kit

## Learning COBOL II/3000

This is an entry level course to teach beginning programmers or programmers who have experience with other languages to write COBOL II programs interactively on the HP 3000 computer. It has no formal prerequisites but familiarity with basic computer concepts is desirable.

Course Content:

- Simple COBOL programming
- Program variations
- The structure and syntax of COBOL
- Simple arithmetic statements, comments, diagnostics
- Advanced arithmetic and control statements
- Additional data concepts
- All about files
- Applied interactive COBOL

## 22832A Learning COBOL II/3000.

Course materials include: Set of 9 audio cassettes (playable on any standard cassette player) with storage binder, 1 student workbook, 1 COBOL II/3000 Reference Manual and 1 Using the HP 3000 Manual. Course completion time is approximately 25 hours.

**22832-93001 Learning COBOL II/3000 Student Workbook.** Extra workbook for course.



22833A DSG/3000 Kit

## Using HP Decision Support Graphics/3000

If your HP 3000 has Decision Support Graphics/3000 Software and you want to learn how to use it, this self-paced learning course is your answer. It is designed for non-programmers, managerial, administrative and clerical people. The only prerequisite is completion of A Guided Tour (see 22835A) or equivalent knowledge of the HP 3000.

Course Content:

- Introduction – Graphing concepts and terminology
- Bar chart design
- Plotter output
- Line chart, scattergram, pie chart design
- Chart enhancement
- Advanced chart design

There are system requirements.

Hardware needed: HP 3000, HP 2647A or HP 2648A Terminal. One of the following plotters is recommended but not required: HP 7221A/B/C/S/T, HP 9872A/B/C/S/T, HP 7245 A/C, HP 7225A (17601 or 17604). Software needed: Decision Support Graphics/3000 installed on your HP 3000.

## 22833A Using HP Decision Support Graphics/3000.

Course materials include a 1600 BPI magnetic tape, 2 sets of self-paced booklets (5 booklets per set), Graphing textbook, DSG/3000 manual, DSG/3000 guide, chart sample booklet, plotter pens, paper and complete instructions for the System Manager to install the course on your HP 3000. One terminal per user is required. Course completion time is approximately 10 hours.

## 22833-60001 Self-Paced Booklets.

Extra set of booklets for DSG/3000 course. Price .....\$80.00 set

## HP 3000: A Guided Tour

A Guided Tour is a self-paced learning course that acquaints you with the range of information handling tools that are directly available on your HP 3000. It is designed for all non-programmers, administrative, clerical, professional people who want to know about and use the HP 3000 Computer System.

Course Content:

- General concepts – Operating the terminal, logging on and off, executing a program
- Issuing commands – Commonly used commands discussed, HELP facility and user commands
- File system – Files on the HP 3000; what they are, how they are used and how to access them
- Account structure – Discussion of security/user structure
- Entering date – Application program used to explain data entry functions
- Data bases – Discussion of how data is stored after entry and how QUERY can be used to access the data
- Entering text – A brief lesson in EDIT/3000. Introduces you to the idea of using the computer for such common tasks as report generation

There are system prerequisites for the course. Hardware needed: HP 3000, HP terminal which supports V/3000 (block mode). Software needed: MPE date coded 2011 or later, Editor, IMAGE/3000, QUERY/3000 and V/3000.





22835A HP 3000 Guided Tour Kit

### 22835A HP 3000: A Guided Tour.

Course materials include a 1600 BPI magnetic tape, three sets of self-paced booklets (one terminal per user is required), and complete instructions for the Systems Manager to install the course on your HP 3000. Course time is approximately 7 hours.

### 22835-60001 Self-Paced Booklets.

Extra set of booklets for A Guided Tour.



22839A Using HPWORD Kit

### Using HPWORD

Learn how to use HPWORD with this highly interactive self-paced course. Beginning at a basic level and building to advanced operations, this course is an introduction to the HPWORD word processing system. It is designed for secretarial, clerical, administrative personnel, or others who will use word processing as a regular part of their job. No previous knowledge of either the HP 3000 or other word processing systems is required.

#### Course Content:

The course begins with a basic unit which allows you to become operational on the system immediately, and builds by module to the more advanced features.

- Basic unit
- Simple text modification
- Changing text appearance
- Document formatting
- Paragraph formatting
- Printing a document
- Advanced text modification
- Something extra – rename, copy and delete, etc.
- WORDUTIL

There are system prerequisites for this course. Hardware: HP 3000, HP 2626W terminal, HP 2601 printer. Software: MPE-IV, HPWORD.

**22839A Using HPWORD.** Course materials include a 1600 BPI tape, one set of self-paced booklets (9), HPWORD Reference Guide and an HPWORD Quick Reference Guide. Complete instructions are included for the System Manager to install the course tape on your HP 3000. Course completion time is approximately 16 hours.

### Programming in Transact/3000

This self-paced course is for experienced programmers. It introduces the HP Transact/3000 programming language. You learn at your own pace effective programming techniques through exercises and numerous examples. The course assumes a knowledge of the HP 3000, plus a knowledge of IMAGE/3000 data bases and of VPLUS/3000 forms (FORMSPEC) for the last two content modules.

#### Course Content:

- Getting started – An introduction to Transact/3000
- Using data items
- Rounding out Transact
- Data management overview
- Using IMAGE with Transact
- Using VPLUS with Transact

There are system prerequisites for this course. Hardware: HP 3000, character or block mode terminal for content modules 1 through 5 and a terminal that supports VPLUS/3000 for content module 5. Software: MPE III or IV, Transact/3000, IMAGE 3000 and VPLUS/3000.

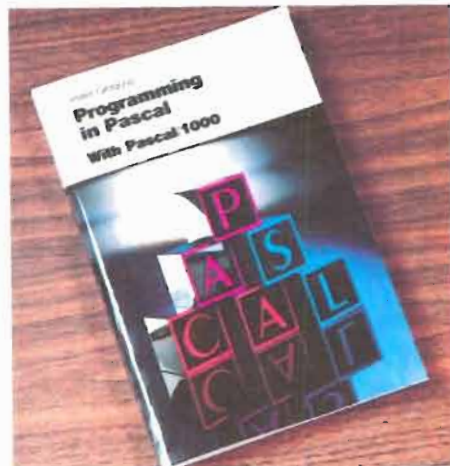


22842A Programming in Transact/3000 Kit

**22842A Programming in Transact/3000.** Course materials include a 1600 BPI tape, one set of self-paced booklets containing reading material, practice exercises, answers to the exercises and one copy of the Transact/3000 Reference Manual. Complete instructions are included for the System Manager to install the course on your HP 3000. Course completion time is approximately 32 hours.



22843A Using Dictionary/3000 Kit



Pascal Programming Book



92171M/L Documentation Storage Rack and Locking Bar

### Using Dictionary/3000

This self-paced course is an introduction to Dictionary/3000, HP's data dictionary facility. It does not teach data base design but leads you through the steps of defining entries in the data dictionary and of creating and maintaining IMAGE/3000 data bases. This course is designed for the non-technical user and is intended for a Data Base Administrator or for a programmer acting as a Data Base Administrator. Prerequisites for this course are the taking of the course "HP 3000, A Guided Tour" (See 22835A) or general knowledge of the HP 3000 gained through experience. Knowledge of IMAGE/3000 is helpful but not necessary for those who will not be designing new data bases.

Course Content:

- Presenting Dictionary/3000
- IMAGE data structures
- Interactive data basics
- Commanding your Files
- File security
- Dictionary/3000 utilities

There are system prerequisites for the course. Hardware needed: HP 3000, character or block mode terminal. Software needed: MPE III or IV, IMAGE/3000 and Dictionary/3000.

### NEW 22843A Using Dictionary/3000.

Course materials includes a 1600 BPI tape, one set of self-paced booklets containing reading material, practice exercises, answers to exercises, and one copy of *Dictionary/3000 Reference Manual*. Complete instructions are included for the System Manager to install the course on your 3000. Course completion time is approximately 12 hours.

### Programming in Pascal with Pascal/1000

Help yourself get started in programming with Pascal. This book explains the computer programming language Pascal, as described by the DRAFT ANSI Standard and the enhancements to standard Pascal provided by the Hewlett-Packard Pascal/1000 Compiler. Throughout the 10 chapters, each extension to standard Pascal is identified and a separate appendix section summarizes the differences between standard Pascal and HP Pascal/1000. The book assumes no prior knowledge of other programming languages and is written for those who want to write Pascal programs.

**92832-90002 Programming in Pascal with Pascal/1000** (Hewlett-Packard Edition) by Peter Grogono.

### NEW 92171M Documentation Storage Rack.

Keep your computer manuals, catalogs, and other documentation at your fingertips with our easy-load rack. Our unique ring-binder channels are easy to mount and remove – for quick additions, deletions, and updates. The ring-binder design makes it easier to turn the pages – and you see the entire page, even the inside margin! Strong support wings let pages lie open, flat and easy to read.

Each rack comes with six ring-binder channels to hold up to six inches of standard 3-hole punched documentation (8½" x 11"). These racks may be coupled together to build a larger documentation reference system.

Designed for user comfort – the rack is adjustable to either 30° or 45° – for standup or sit-down reference. Start organizing – order your documentation storage rack today.

QUANTITY (1-2)

DISCOUNT (3+)

### NEW 92171L Locking Bar for Documentation Storage Rack.

This metal security bar with lock set – prevents unauthorized removal of your reference documents. For use with No. 92171M.





Documentation Binders

### HP Documentation Binders

Need convenient storage for your HP Documentation? Order HP Documentation Binders... Ideal for sales literature, manuals and instruction books. Quality construction in .015 virgin vinyl. Rings have open/close boosters. For 8½ in. x 11 in. page sizes. All binders are 3-ring style.

#### 9282-0069 2 in. White HP System Documentation Binder.

QUANTITY (1-9 binders)  
DISCOUNT (10+)

#### 9282-0520 2½ in. White HP System Documentation Binder.

QUANTITY (1-9 binders)  
DISCOUNT (10+)

#### 9282-0658 1 in. Brown HP Documentation Binder.

QUANTITY (1-9 binders)  
DISCOUNT (10+)

#### 9282-0659 2 in. Brown HP Documentation Binder.

QUANTITY (1-9 binders)  
DISCOUNT (10+)

### HP Computer Documentation Index

The HP Computer Documentation Index includes manuals binders, all types of (non-promotional) publications for Hewlett-Packard computer systems and peripherals. The Index is arranged in two sections. The "By Subject" (model number) listing is useful in finding documentation items when the specific part number is not

known. The "Numerical" listing provides a fast way to find documentation when you already know the part number. Listings include description, print date and latest update. Available without cost. In the U.S., ask for 5953-2460D. Others ask for 5953-2460.

### Computer Reference Manuals

The following is a listing of Hewlett-Packard computer reference manuals. This list represents the most-often-ordered publications and is provided to assist you in locating part numbers for current popular manuals.

If you have technical questions concerning computer products in general, please contact your local HP sales office.

See listing at back of catalog.

### Computer Peripheral Reference Manuals

#### TAPE DRIVES

7970 Series Operating

Manual .....07970-90885

7970B/E Service Manual .....07970-90887

#### DISC DRIVES

7906 Service Manual .....07906-90903

7920A Operating & Service

Manual .....07920-90001

7925 User's Manual .....07925-90901

#### PRINTERS

2630 Printer Family Service

Manual .....02631-90910

2630B Family Service

Manual .....02631-90919

7240A Plotter/Printer Operating & Programming Manual using HP-GL

Instructions .....07240-90000

7245B Plotter/Printer Operating & Programming Manual using HP-GL

Instructions .....07245-90010

#### PLOTTERS

7220 C/T Graphics Plotter Operating & Programming Manual using HP-GL

Instructions .....07220-90003

7221 C/T Graphics Plotter Operating & Programming Manual .....07221-90024

7580A Drafting Plotter Operating & Programming Manual using HP-GL

Instructions .....07580-90000

7580A Drafting Plotter Operator's

Manual .....07580-90002

7580A Drafting Plotter Reference

Card .....07580-90003

### TERMINALS

2621 A/P Owner's Manual .....02620-90001

264X Composite Service

Manual .....02640-90170

2645A User's Manual .....02645-90001

2647A User's Manual .....02647-90001

### Personal/Desktop Computer Reference Manuals

HP 85 Owner's Manual

(English) .....00085-90002

HP-85 Owner's Manual

(German) .....00085-90020

HP-85 Owner's Manual

(Japanese) .....00085-90032

HP-85 Pocket Guide

(English) .....00085-90040

HP-85 I/O ROM Manual

(English) .....00085-90142

HP 125 Owner's Manual

(English) .....45500-90000

Getting Started with Your HP

125 .....45500-90010

HP 125 System Reference

Manual .....45536-90000

9825A/B Pocket Reference

Guide .....09825-90012

9825A/B Operating and Programming

Manual .....09825-90200

9826A BASIC Operating

Manual .....09826-90000

9826A HPL Operating

Manual .....09826-90040

9826A HPL Quick Reference

Manual .....09826-90045

9826A BASIC Language Reference

Manual .....09826-90055

9835A/B Operating & Programming

Manual .....09835-90000

9835A/B BASIC Language Interfacing

Concepts .....09835-90600

9845B/C BASIC Programming

Manual .....09845-93000

9845B/C Quick Reference

Manual .....09845-93015



Computer Reference Manuals

## HP 250 Reference Manuals

MFC/250 Reports	
Brochure	45180-90080
HP 250 Site Selection	
Guide	45251-90040
HP 250 Manual Programming	
Set	45260-87901
HP 250 General Information	
Manual	45260-90080

## HP 1000 Reference Manuals

### OPERATING SYSTEM

RTE IV Reference	
Manual	92067-90003
RTE-IVB Getting Acquainted with	
Manual	92068-90001
RTE IVB Terminal Users	
Manual	92068-90002
RTE-IVB Quick Reference	
Guide	92068-90003
RTE-IVB Programmer's Reference	
Manual	92068-90004
RTE IVB Batch & Spool Reference	
Manual	92068-90005
RTE-IVB Systems Manager	
Manual	92068-90006
RTE IVB On-Line Generator	
Manual	92068-90007
RTE-IVB Utility Program Reference	
Manual	92068-90010
RTE-L/XL Operator's	
Guide	92070-90002
RTE-L Quick Reference	
Guide	92070-90020

### SUBSYSTEM/APPLICATIONS

DOS/RTE Library Reference	
Manual	24998-90001
DS/1000-IV User's Manual	91750-90002
IMAGE/1000 Reference	
Manual	92069-90001
IMAGE/1000 Data Base Management	
Manual	92069-90005
EDIT/1000 User's Guide	92074-90001

### LANGUAGE

RTE FORTRAN IV Reference	
Manual	92060-90023
PASCAL/1000 Reference	
Manual	92832-90001
Programming in PASCAL	92832-90002
RTE FORTRAN 4x Reference	
Manual	92834-90001

### GENERAL INFORMATION

HP 1000 E-Series Computer Operating &	
Reference Manual	02109-90014
Site Preparation and Planning	
Workbook	02170-90016
Data Systems Customer Support	
Handbook (2114/15/16, 2100, 21 MX-M	
& -E Series)	5950-3767
HP 1000 M/E/F Technical Reference	
Handbook	5955-0282

## HP 3000 Reference Manuals

### OPERATING SYSTEM

MPE Commands Reference	
Manual	30000-90009
MPE Intrinsic Reference	
Manual	30000-90010
MPE Segmenter Reference	
Manual	30000-90011
MPE Console Operator's	
Guide	30000-90013
MPE IV Systems Manager/Systems	
Supervisor Reference	
Manual	30000-90014
MPE IV System Utilities Reference	
Manual	30000-90044
Index to MPE Reference	
Documents	30000-90045
Software Pocket Guide	30000-90049
Using Files - A Guide for New	
Users	30000-90102

### SUBSYSTEM/UTILITY

EDIT Reference Manual	03000-90012
F Copy Reference Manual	03000-90064
QUERY Reference Manual	30000-90042
KSAM Reference Manual	30000-90079

V/3000 Reference Manual	32209-90001
V/3000 Operator's Quick Reference	
Guide	32209-90003
Using V/3000	32209-90004
SORT-MERGE/3000 Reference	
Manual	32214-90002
IMAGE/3000 Reference	
Manual	32215-90003

### LANGUAGES

BASIC/3000 for Beginners	03000-90025
BASIC/3000 Pocket Guide	03000-90050
Using the HP 3000: An Intro to Interactive	
Programming	03000-90121
SPL/3000 Reference	
Manual	30000-90024
SPL/3000 Textbook	30000-90025
BASIC/3000 Interpreter	
Manual	30000-90026
FORTTRAN/3000 Reference	
Manual	30000-90040
System Programming Language Pocket	
Guide	32100-90001
FORTTRAN/3000 Pocket	
Guide	32102-90002
BASIC Compiler Reference	
Manual	32103-90001
COBOL/3000 Reference	
Manual	32113-90001
Using COBOL: A Guide for New Users	
of HP 3000 Computer	
Systems	32213-90003
COBOL II/3000 Reference	
Manual	32233-90001

### DATA COMMUNICATIONS

Data Communications	
Handbook	30000-90105
Data Communications Guide	
Book	5955-1715

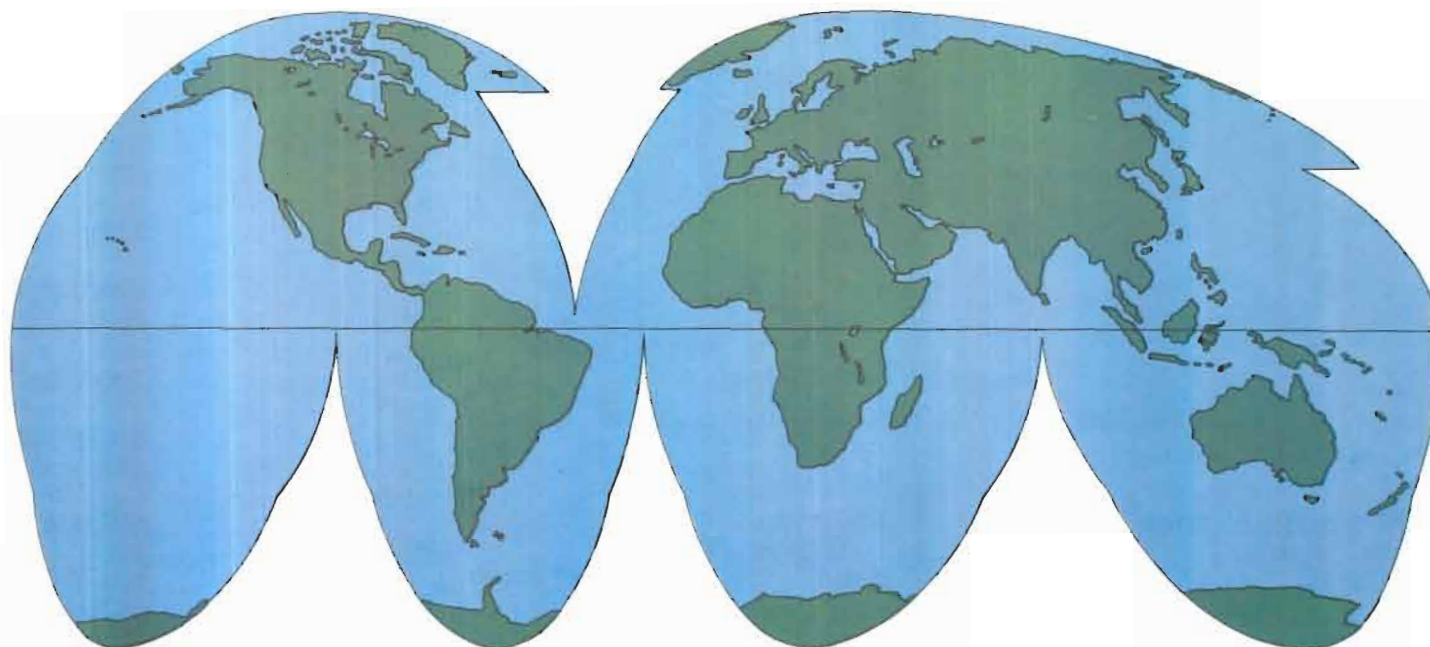
### INFORMATION SYSTEMS

HP SLATE/3000 Reference	
Manual	36576-90001
Using HP SLATE/3000	36576-90002
HP SLATE/3000 Pocket	
Guide	36576-90004
TDP/3000 Reference	
Manual	36578-90001
Using TDP/3000	36578-90002
TDP/3000 Quick Reference	
Guide	36578-90003

### GENERAL INFORMATION

3000 Computer Systems Site	
Preparation Set	30000-60029
Guide to a Successful Installation (HP 3000	
Computer Systems)	30000-90135





## Canada, Central and South America

### ARGENTINA

\*1095 Buenos Aires  
Tel: 37-9020  
1640 Buenos Aires  
Tel: 792-1293, 798-5735

### BRAZIL

Alphaville  
Tel: 421-1311  
22471 Rio de Janeiro-RJ  
Tel: 286-0237

### CANADA

Mississauga, L4V 1M8  
Tel: (416) 678-9430  
Richmond, V6X 2W7  
Tel: (604) 270-2277  
Winnipeg, R3H 0Y1  
Tel: (204) 786-6701  
Calgary, T2H 2H8  
Tel: (403) 253-2713  
Dartmouth, B2Y 3Z6  
Tel: (902) 469-7820  
Ottawa, K2B 8K1  
Tel: (613) 820-6483

Edmonton, T5M 3T9  
Tel: (403) 452-3670  
London, N6E 2S5  
Tel: (519) 686-9181  
Kirkland, H9J 2M5  
Tel: (514) 697-4232  
Moncton, E2B 2V0  
Tel: (506) 855-2841  
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