
HP 70207A PC Display for MMS

Product Overview



Advantages of PC operation

The HP 70207A helps maximize the usefulness of your computer. One PC can provide manual operation of your MMS instrumentation, automatic test control, and a wide range of data storage and analysis capabilities.

Since a dedicated MMS display is not required, you save valuable system rack space by using your PC for all control and display functions. There is a cost advantage, also: the HP 70207A may be ordered with an optional PC at a lower price than the HP 70004A display mainframe.

Use a PC to operate any MMS instrument

The HP 70207A PC display for MMS is a PC ISA interface card, cable, and software that provides manual control of any MMS instrument or system from a Microsoft® Windows 95 environment. The software generates a virtual front panel on a PC monitor that looks and functions like the HP 70004A display mainframe. By clicking your mouse on the virtual con-

trols, you can operate the system and see measurement data in real time. The HP 70207A conforms to MMS display protocol specifications, so it will work with all MMS instruments and systems.

The MSIB interface card was designed to the Plug and Play standard, which allows Windows 95 to identify the card and self-configure the hardware as soon as you plug it in. Software installation is also simple.



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Convenience and flexibility

The Windows interface provides capabilities previously unavailable to MMS users:

Output to any Windows peripheral. You can output screen dumps and measurement results to any Windows-supported printer or plotter. Multiple images can be queued.



Export screens and data to other applications. While performing measurements, you can copy the virtual instrument screen and paste it into any Windows word processor or graphics application for records and reports. You may also export measurement data via

the Windows Clipboard to spreadsheets or databases for analysis.

Store data on all PC media. Storage of measurement data is now more convenient, since you can create data files on any PC storage medium.

Record and play back measurements. Any sequence of keystrokes can be recorded in a file for later playback. When played back, these keystrokes are executed in the system. This allows you to easily duplicate an important measurement, however complex, whenever needed.

Remote control and custom capabilities

Hamilton Software, Inc. (HSI) offers software that provides control of PC-based MMS systems from a remote PC via LAN, modem, and the Internet. HSI also offers custom software engineering services for MMS users. For more information, please contact:

Hamilton Software, Inc.
3510 Unocal Place, Suite 109
Santa Rosa, CA 95403-0965
Tel: (800) 704-0085
FAX: (707) 542-3443
email: hsi@hamsoft.com

Choosing the right user interface for your application

The table below compares key features of the HP 70207A PC display for MMS and the HP 70004A display mainframe. For certain applications, or with different individual MMS instruments or systems, only one of these user interfaces may meet the requirements. An HP field sales representative can help you make the best choice for your application.

HP 70207A	HP 70004A
Lower cost than HP 70004A	Four module slots
Faster than HP 70004A	Variable persistence mode
Output to Windows peripherals	Trace color adjustment
Export to Windows applications	Keyboard data entry for IBASIC
Data storage on PC media	HP-IB control of display
Keystroke recording and playback	
Remote control capability*	

*Add-on capability available from Hamilton Software, Inc.

Ordering Information

HP 70207A PC display for MMS (includes MSIB interface card, MSIB Y-cable, 3.5" disk, and User's Guide.)

Option 0B0 delete User's Guide

Option 0B1 add extra User's Guide

Options with PC

Options are available to provide the HP 70207A pre-installed in a PC. Additional options include integrated HP-IB board and HP Basic. Call your local HP sales office listed in your telephone directory for currently available PC configurations.

PC requirements

A PC must meet the following minimum requirements to work with the HP 70207A:

- 486 @ 50 MHz (Pentium recommended)
- 8 MB RAM (16 MB recommended)
- 5 MB available hard-disk-drive space
- Windows 95 operating system
- Local-bus video.

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For more information on Hewlett-Packard Test and Measurement products, applications, or services, please call your local Hewlett-Packard sales office. A current listing is available via the World-wide Web through AccessHP at <http://www.hp.com>. If you do not have access to the Internet, please contact one of the HP centers listed below and they will direct you to your nearest HP representative.

United States:

Hewlett-Packard Company
Test and Measurement Organization
5301 Stevens Creek Blvd.
Bldg. 51L-SC
Santa Clara, CA 95052-8059
1 800 452 4844

Canada:

Hewlett-Packard Canada Ltd.
5150 Spectrum Way
Mississauga, Ontario L4W 5G1
(905) 206 4725

Europe:

Hewlett-Packard
European Marketing Centre
P.O. Box 999
1180 AZ Amstelveen
The Netherlands

Japan:

Hewlett-Packard Japan Ltd.
Measurement Assistance Center
9-1, Takakura-Cho, Hachioji-Shi,
Tokyo 192, Japan
Tel: (81-426) 56-7832
Fax: (81-426) 56-7840

Latin America:

Hewlett-Packard
Latin American Region Headquarters
5200 Blue Lagoon Drive, 9th Floor
Miami, Florida 33126, U.S.A.
(305) 267 4245/4220

Australia/New Zealand:

Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130, Australia
1 800 629 485

Asia Pacific:

Hewlett-Packard Asia Pacific Ltd.
17-21/F Shell Tower, Times Square,
1 Matheson Street, Causeway Bay,
Hong Kong
Fax: (852) 2506 9285