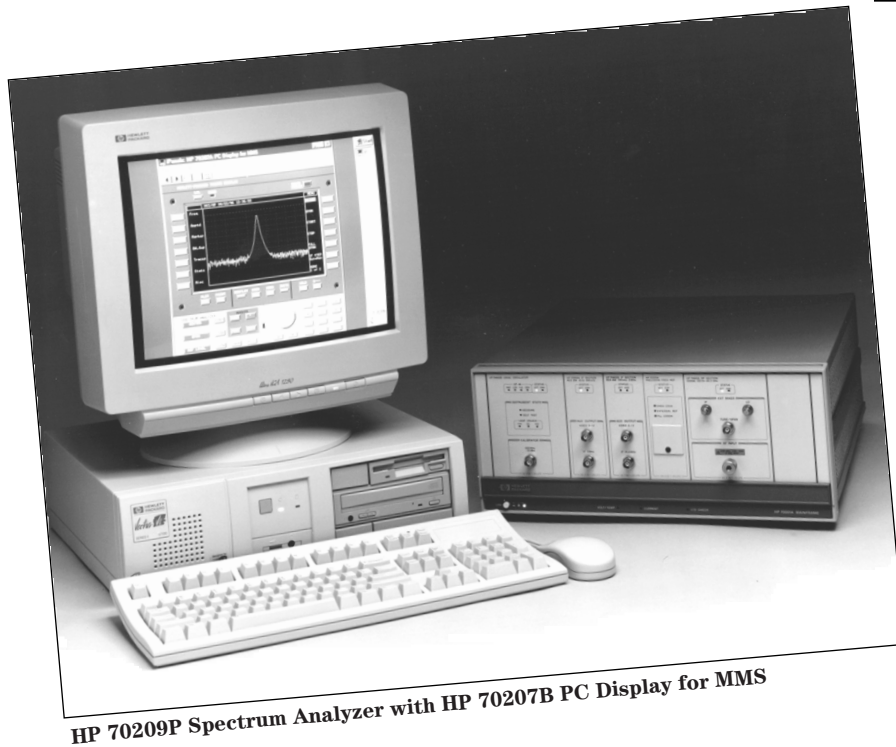# HP 70207B PC Display for MMS

Product Overview

HP 70209P Spectrum Analyzer with HP 70207B PC Display for MMS

Use a PC to operate any MMS instrument

The HP 70207B 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 NT 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 controls, you can operate the system and see measurement data in real time.

The HP 70207B conforms to MMS display protocol specifications, so it will work with all MMS instruments and systems.

Advantages of PC operation

The HP 70207B 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 70207B may be ordered with an optional PC at a lower price than the HP 70004A display mainframe.

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. 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 spread-sheets 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.
2270 Northpoint Parkway
Santa Rosa, CA 95407
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 70207B

Lower cost than HP 70004A

Faster than HP 70004A

Output to Windows peripherals

Export to Windows applications

Data storage on PC media

Keystroke recording and playback

Remote control capability*

HP 70004A

Four module slots

Variable persistence mode

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

Ordering Information

HP 70207B Option E05 PC Display for MMS, HP Vectra Pentium PC, 17 inch Monitor, Windows NT, Keyboard, Mouse User's Guide and MS-IB cable.

HP 70207B Option E06 PC Display for MMS, HP Vectra Pentium PC, 17 inch Monitor, Windows NT, Keyboard, Mouse, User's Guide, MS-IB cable, HP-IB board and HP BASIC programming language.

HP 70207B Option E07 PC Display for MMS, HP Vectra Pentium PC, 17 inch Monitor, Windows NT, Keyboard, Mouse, User's Guide, MS-IB cable, HP-IB board and HP BASIC and HP VEE programming languages.

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