

### HP 70000 MMS Product Information

#### Mainframes and Displays



HP 70001A

HP 70004A

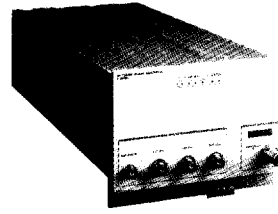
Product	Description	Price
HP 70001A System Mainframe	<ul style="list-style-type: none"> <li>8-slot mainframe for MMS plug-in modules</li> <li>Provides cooling, power, digital communication interface buses (MSIB and HP-IB)</li> <li>Compatible with standard EIA racks</li> <li>Good EMC performance and rugged structural design make it suitable for sensitive measurements in tough industrial environments</li> <li>Optional 400 Hz power line operation</li> </ul>	\$7,830
HP 70205A Display	<ul style="list-style-type: none"> <li>Compact, 3-slot module format</li> <li>Menu-driven human interface</li> <li>Provides manual interface and control for system of up to 31 MMS instruments or 255 MMS modules</li> <li>High resolution graphics including traces, text, and markers</li> <li>Sends graphics directly to printer or plotter</li> </ul>	\$6,680
HP 70004A Color Display and Mainframe	<ul style="list-style-type: none"> <li>Integrated mainframe and display with full system interface and control capabilities</li> <li>Full color CRT</li> <li>4 available module slots</li> <li>Connects to HP 70001A mainframes for creating larger systems</li> <li>Sends graphics directly to printer or plotter with buffered plotter dump</li> <li>Supports HP PaintJet printers</li> <li>HP-HIL connector allows keyboard attachment for front-panel system control</li> <li>Memory card and mass storage capabilities</li> </ul>	\$11,550

#### Instruments

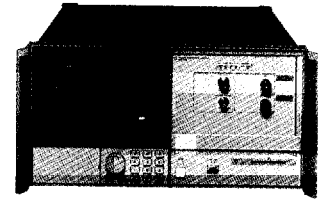
Choose from instruments that are single modules or multiple modules configured into a system.

#### Sources

Product	Description	Price
HP 70330A Pulse Generator	<ul style="list-style-type: none"> <li>300 MHz timing with variable width and delay</li> <li>Variable transitions down to 1 ns</li> <li>10 ps timing resolution</li> <li>Dual-channel timing</li> <li>5 V amplitude into 50 <math>\Omega</math></li> <li>External trigger output</li> <li>4-slot width</li> </ul>	\$25,000
HP 70332A Multiple Clock Generator	<ul style="list-style-type: none"> <li>Up to 100 MHz pulses with independent width and delay</li> <li>2 channels, each with 16 differential ECL outputs</li> <li>Skew of &lt; 1 ns between all outputs of one channel</li> <li>External input</li> <li>4-slot width</li> </ul>	\$14,000



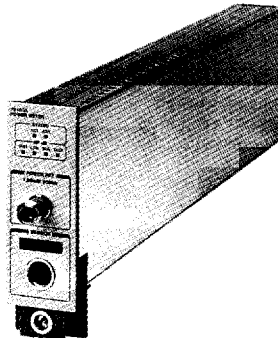
HP 70340A



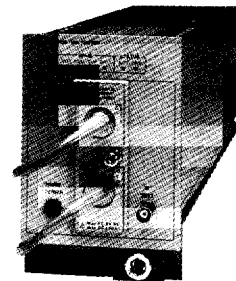
HP 71708A

Product	Description	Price
HP 70340A Microwave Synthesizer, 1 to 20 GHz	<ul style="list-style-type: none"> <li>Synthesized signal generator with add-on frequency extension</li> <li>+ 13 to -90 dBm amplitude range</li> <li>Harmonic suppression above 55 dBc; no subharmonics</li> <li><math>\pm 2</math> dB output power accuracy and <math>\pm 0.5</math> dB flatness</li> <li>4-slot width + 1-slot extension module</li> </ul>	\$32,450
HP 70341A Frequency Extension Module, 10 MHz to 1 GHz	<ul style="list-style-type: none"> <li>4-slot width + 1-slot extension module</li> </ul>	\$6,890
HP 71708B Microwave Source, 2.4 to 25.8 GHz	<ul style="list-style-type: none"> <li>Excellent LO substitute for radar, phase noise measurement systems; test source for receiver test systems</li> </ul>	\$63,700
HP 70248A Microwave Downconverter Module, 2.4 to 25.8 GHz	<ul style="list-style-type: none"> <li>600 MHz frequency resolution (0.1 Hz option)</li> <li>Up to +16 dBm output power</li> <li>8-slot system includes mainframe display; 4-slot module</li> </ul>	\$52,150

#### Signal Analyzers



HP 70100A



HP 70138A

Product	Description	Price
HP 70100A Power Meter, 100 kHz to 50 GHz	<ul style="list-style-type: none"> <li>Single-channel module with features, capability of HP 437B</li> <li><math>\pm 0.5\%</math> accuracy in linear mode; <math>\pm 0.02</math> dB accuracy in logarithmic mode</li> <li>-70 to +44 dBm power range</li> <li>1-slot width</li> </ul>	\$3,640
HP 70110A Digital Multimeter	<ul style="list-style-type: none"> <li>1450 readings per second</li> <li>3½ to 6½ digits of resolution</li> <li>Measures dc and ac volts, 2-wire and 4-wire <math>\Omega</math>, dc and ac current, frequency, power</li> <li>Basic dc accuracy of 5 ppm and common-mode rejection &gt; 90 dB</li> <li>2-slot width</li> </ul>	\$4,830
HP 70120A Universal Counter	<ul style="list-style-type: none"> <li>100 MHz, 200 MHz, 2.4 GHz inputs</li> <li>Minimum sensitivity of 100 mV p-p</li> <li>Built-in TCXO</li> <li>Built-in functions: frequency, period, time interval, rise and fall times, ratios, totalize, pulse width, ac/dc voltage minimum and maximum</li> <li>1-slot width</li> </ul>	\$5,360