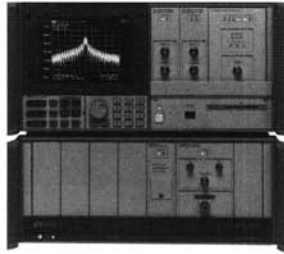
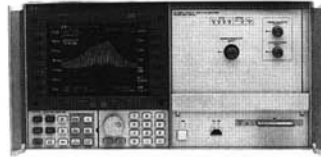


HP 70000



HP 71400C with HP 70810B



HP 71451B

HP 70000 MMS Product Information

Mainframes and Displays

Product	Description	Price
HP 70001A System Mainframe	8-slot mainframe for MMS plug-in modules	\$8,250
HP 70205A Display	Compact, 3-slot module format	\$7,150
HP 70207B PC Display for MMS	Provides the MMS display and user interface on a PC	POA
HP 70004A Color Display and Mainframe	Integrated mainframe and display 4 available module slots	\$14,250

Instruments

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

Sources

Product	Description	Price
HP 70340A Microwave Synthesizer, 1 to 20 GHz	Synthesized signal generator with add-on frequency extension +13 to -90 dBm amplitude range 4-slot width + 1-slot extension module	\$34,800
HP 70341A Frequency Extension Module, 10 MHz to 1 GHz		\$7,400
HP 71708A Microwave Source, 2.4 to 25.8 GHz	LO	\$69,100
HP 70428A Microwave Source Module, 2.4 to 25.8 GHz		\$55,900

Signal Analyzers

Product	Description	Price
HP 70100A Power Meter, 100 kHz to 50 GHz	Single-channel module with features, capability of HP 437B 1-slot width	\$4,050
HP 70110A Digital Multimeter	3 1/2 to 6 1/2 digits of resolution 2-slot width	\$5,350
HP 70120A Universal Counter	100 MHz, 200 MHz, 2.4 GHz inputs 1-slot width	\$5,750
HP 70700A Digitizer	20 megasamples per second, 10 bits 1-slot module	\$10,000
HP 70703A Digitizing Oscilloscope	4-input, 2-channel operation 500 MHz 2-slot width	\$10,200
HP 71500A Microwave Transition Analyzer, DC to 40 GHz	2-channels, sampler-based, internal trigger Time-domain measurements with FFTs	\$60,000
HP 71707A Microwave Downconverter, 2 GHz to 26.5 GHz	Translates microwave signals to RF frequencies for phase noise measurements	\$81,100
HP 70427A Microwave Downconverter Module, 2 GHz to 26.5 GHz		\$67,000

Spectrum Analyzers and Receivers

Product	Description	Price
All HP 70000 series spectrum analyzers offer the following:	10 Hz minimum bandwidth 90 dB calibrated display range 0.1 ppm frequency stability	
HP 71100C RF Spectrum Analyzer, 100 Hz to 2.9 GHz	Synthesized, high performance RF spectrum analysis -134 dBm sensitivity, -156 dBm with preamplifiers	\$56,500
HP 71100P RF Spectrum Analyzer, 100 Hz to 2.9 GHz	2-mainframe system with 6 slots available or 1 mainframe with PC display	\$56,500
HP 71209A Microwave Spectrum Analyzer, 100 Hz to 26.5 GHz	Continuous sweeps from 100 Hz to 26.5 or 40 GHz -138 to -128 dBm sensitivity across the frequency range (HP 71209A/P); -107 dBm at 40 GHz (Option Z40)	\$83,400
HP 71209A Option Z40 Spectrum Analyzer, 100 Hz to 40 GHz	Built-in external mixer interface for mm applications 2-mainframe system with 5 slots (HP 71209A) or 3 slots (Option Z40) available or 1 mainframe with PC display	\$118,145
HP 71209P Microwave Spectrum Analyzer, 100 Hz to 26.5 GHz		\$83,400
HP 71210C Microwave Spectrum Analyzer, 100 Hz to 22 GHz	Fundamentally mixed, highest microwave performance -139 dBm sensitivity at 1 GHz; -133 dBm at 22 GHz; -155 dBm at 22 GHz with HP 70620B preamplifier	\$102,000
HP 71210P Microwave Spectrum Analyzer, 100 Hz to 22 GHz	2-mainframe system with 5 slots available or 1 mainframe with PC display	\$102,000
HP 71910A	Includes HP 71209A/P	\$99,485
HP 71910P	Adds 10 MHz to 100 MHz linear bandwidth capability	\$99,485
Wide Bandwidth Receiver	See page 24.35	

Lightwave and Communication

Product	Description	Price
HP 71400C Lightwave Signal Analyzer, 100 Hz to 22 GHz	Calibrated measurement of intensity modulation from 100 kHz to 22 GHz 1200 to 1600 nm operation (750 to 870 nm option 850)	\$119,000
HP 71401C Lightwave Signal Analyzer, 100 Hz to 2.9 GHz	RIN measurements to -165 dB/Hz Interferometer for laser linewidth and chirp measurements Systems based on HP 71210C spectrum analyzer	\$84,000
HP 70810B Lightwave Signal Analyzer Module	2-mainframe systems with 4 slots available	\$27,000
HP 71450B Optical Spectrum Analyzer	Spectral measurements from 600 to 1700 nm Double-pass monochromator	\$34,550
HP 71451B Optical Spectrum Analyzer	Real-time sweep rates -90 dBm sensitivity, 60 dB dynamic range Wavelength and amplitude calibration across full measurement range	\$45,700
HP 71452B Optical Spectrum Analyzer	Optional current source and white light source 5 modes of operation (HP 71452B) 1 mainframe system with color display	\$39,550
HP 71501C Jitter Analysis System	Expanded measurement range: 50 Mb/s to > 12 Gb/s Jitter transfer, tolerance, output/generation Test systems, networks, modules or components, MUX/DEMUX Eye-diagram and analysis capability	\$94,000