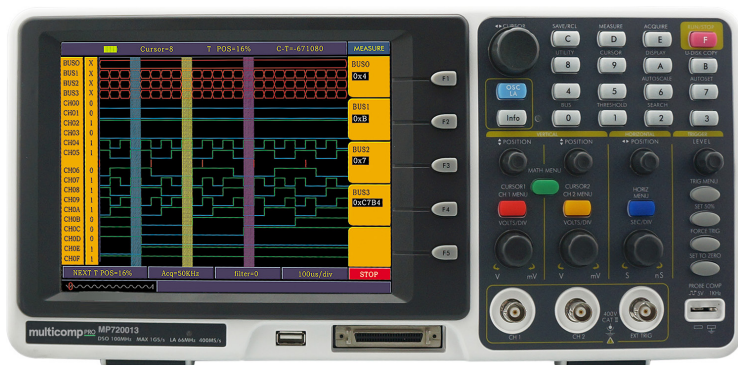


Mixed Signal Oscilloscope with Logic Analyser

multicompPRO



Features

- 2 in 1 (DSO + LA)
- 8" LCD Display
- USB data transmission supported
- 20 automatic measurements

Digital Storage Oscilloscope

Bandwidth : 100MHz
Sample rate : up to 1GS/s

Logic Analyser

Bandwidth : 100MHz
Sample rate : Max. 1GS/s
16 input channels

Oscilloscope Specifications

Bandwidth		100MHz
Sample Rate (real time)		1GS/s
Rise Time		≤3.5ns
Display		8" colour LCD, 640 × 480 pixels
Channel		2 Analogue + 1 Ext Trigger
Horizontal Scale (s/div)		2ns/div ~ 100s/div, step by 1~2~5
DC Accuracy (average)		Average>16 : ±(3% reading + 0.05div) for ΔV
Vertical Sensitivity		2mV/div - 10V/div
DC Gain Accuracy		±3%
Vertical Resolution (A/D)		8 bits (2 channels simultaneously)
Interpolation		sin (x) / x
Max Input Voltage		400V (DC + AC, PK - PK)
Probe Attenuation Factor		1X, 10X, 100X, 1000X
Trigger Mode		Edge, Video, Alternate, Pulse and Slope
Acquisition Mode		Normal, Peak Detect, and Average
Record Length		2M points
Waveform Storage		4 waveforms
20 Automatic Measurements		Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→B  , Delay A→B  +Width, -Width, +Duty, -Duty
Waveform Math		+, -, ×, ÷, invert, FFT
Lissajous Figure	Bandwidth	100MHz
	Phase Difference	±3 degrees

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Communication Interface	USB host, VGA (optional), and USB device
Fuse	1A, T class, 250V
Dimensions (W × H × D)	370mm × 180mm × 120mm
Weight (without package)	1.5 kg
Power Supply	100V AC to 240V AC, 50Hz / 60Hz, CAT II
Power Cord plug type	UK / EU
Standard Accessories Included	LA Module, Power cord, USB cable, CD-Rom. Manual, Probes, Probe Adjust Tool
Optional Accessories	Soft bag
Warranty	03 years

Logic Analyser

Performance Specifications

Sample Rate (real time)	20S/s - 1GS/s
Bandwidth	100MHz
Channel	16 Digital
Record Length	4M points
Input Impedance	660KΩ ± 5%, in parallel with 15 ± 5pF
Trigger Mode	Edge, Bus, State, Data Alignment, Data Width, and Distributed Queue
Trigger Position Setting	Pre-trigger, Mid-trigger, and Re-trigger
Threshold Voltage	±6V (4 settings)
Input Signal Range	±30V
Data Search	Available
Data System	Binary, Decimal, and Hex
Digital Filter	0, 1, 2 optional
Setting Storage	10 settings
USB Flash Disk Storage	Available

Part Number Table

Description	Part Number
Mixed Signal Oscilloscope, 2+16 Channels, 100MHz	MP720013 EU-UK

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