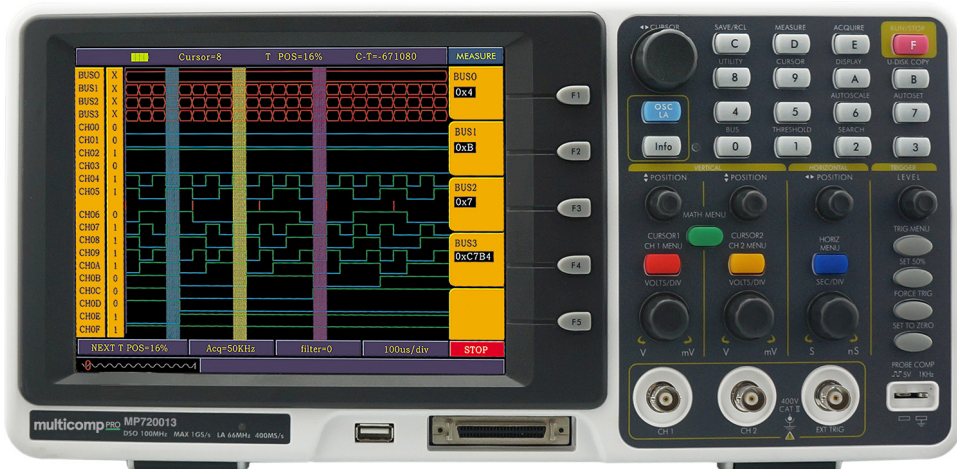


Mixed Signal Oscilloscope with Logical Analyser

multicomp^{PRO}


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	$\leq 3.5\text{ns}$
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 : $\pm(3\% \text{ reading} + 0.05\text{div})$ for ΔV
Vertical Sensitivity	2mV/div - 10V/div
DC Gain Accuracy	$\pm 3\%$
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

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20 Automatic Measurements	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→B $\int$, Delay A→B $\int$ +Width, -Width, +Duty, -Duty	
Waveform Math	+, -, ×, ÷, invert, FFT	
Lissajous Figure	Bandwidth	100MHz
	Phase Difference	±3 degrees
Communication Interface	USB host, VGA (optional), and USB device	
Fuse	1A, T class, 250V	
Battery	7.4V 8000mAh (optional)	
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	12 months	

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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