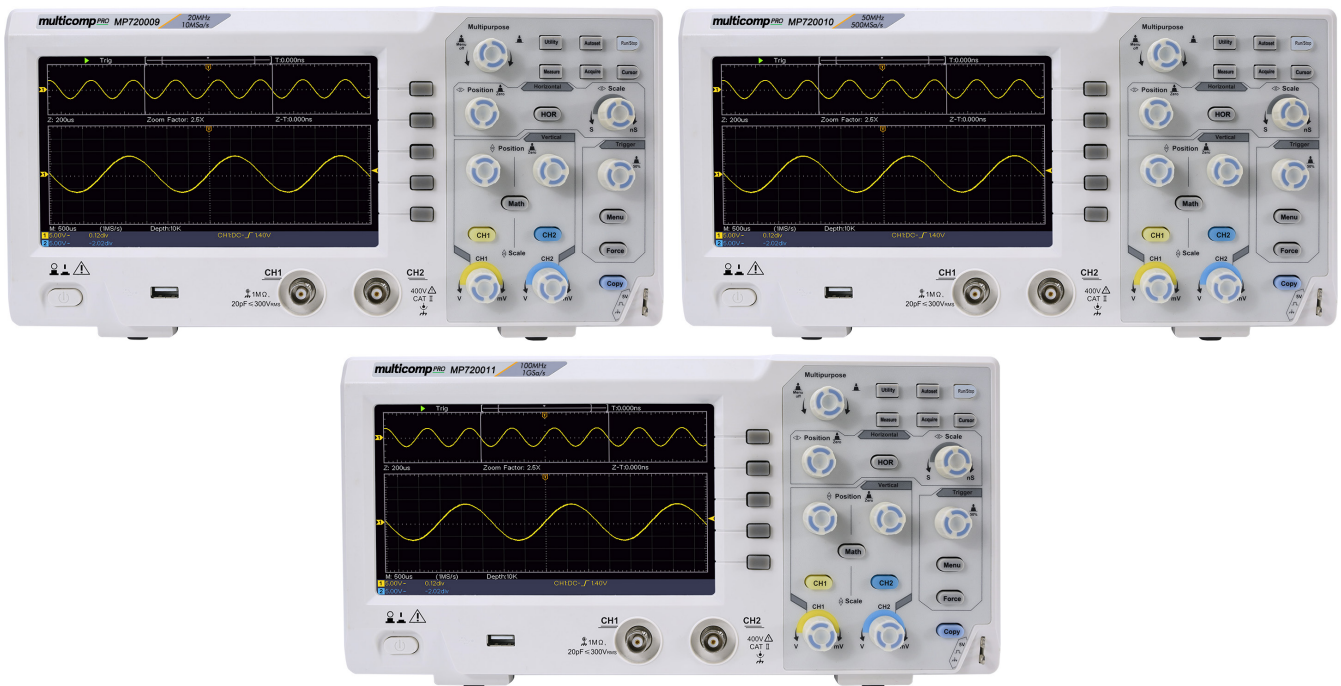


Dual Channel Digital Storage Oscilloscope **multicomp** PRO



Features

- Bandwidth : 20MHz - 100MHz
- 2-Channels
- Sample rate : 100MS/s - 1GS/s
- Ultra-thin body
- 7 inch high resolution LCD
- SCPI, and LabVIEW supported

Performance Specifications

Parameters	MP72009 US	MP720010 US	MP720011 US
Bandwidth	20MHz	50MHz	100MHz
Sample Rate	100MS/s	500MS/s	1GS/s
Horizontal Scale (s/div)	5ns/div - 1000s/div, step by 1 - 2 - 5	2ns/div - 1000s/div, step by 1 - 2 - 5	
Rise Time (at input, typical)	≤17.5ns	≤7ns	≤3.5ns
Channels	2		
Display	7" colour LCD, 800 × 480 pixels		
Input Impedance	1MΩ ±2%, in parallel with 20pF ±5pF		
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1		
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)		
DC Gain Accuracy	±3%		
Record Length	10K		
DC Accuracy (average)	Average≥16: ±(3% reading + 0.05 div) for ΔV		
Probe Attenuation Factor	1X, 10X, 100X, 1000X		

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multicomp PRO

Dual Channel Digital Storage Oscilloscope **multicomp** PRO

Parameters		MP720009 US	MP720010 US	MP720011 US
LF Respond (AC, -3dB)		≥10Hz (at input, AC coupling, -3dB)		
Sample Rate / Relay Time Accuracy		±100ppm		
Interpolation		sin (x) / x		
Interval (ΔT) Accuracy (full bandwidth)		Single: ±(1 interval time + 100ppm × reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm × reading + 0.4ns)		
Input Coupling		DC, AC and GND		
Vertical Resolution (A/D)		8 bits (2 channels simultaneously)		
Vertical Sensitivity		5mV/div - 5V/div (at input)		
Trigger Type		Edge, Video		
Trigger Mode		Auto, Normal, and Single		
Trigger Level		±5 divisions from screen center		
Line / Field Frequency (video)		NTSC, PAL and SECAM standard		
Cursor Measurement		ΔV, and ΔT between cursors		
Automatic Measurement		Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B, Delay A→B, area, cycle area		
Waveform Math		+, -, x, ÷, invert, FFT		
Waveform Storage		16 waveforms		
Lissajous Figure	Bandwidth	Full bandwidth		
	Phase Difference	±3 degrees		
Communication Interface		USB host, USB device		
Frequency Counter		Available		
Power Consumption		<15W		
Fuse		2A, T class, 250V		
Dimension (W × H × D)		301mm × 152mm × 70mm		
Device Weight		1.1kg		
Power Supply		100V AC to 240V AC, 50/60Hz, CAT II		
Power Cord Plug Type		US		
Standard Accessories Included		Power cord, USB cable, CD-Rom.Manual, Probes, Probe Adjust Tool		
Optional Accessories		Soft bag		
Warranty		12 months		

Part Number Table

Description	Part Number
Dual Channel Digital Storage Oscilloscope, 20MHz	MP720009 US
Dual Channel Digital Storage Oscilloscope, 50MHz	MP720010 US
Dual Channel Digital Storage Oscilloscope, 100MHz	MP720011 US

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