4 Channel Handheld
Digital Storage Oscilloscope

multicomp PRO

Features

- Bandwidth 100MHz, real-time sampling rate 1GS / s
- 40M memory depth, 45,000 wfms / s waveform refresh rate
- Low local noise, more accurate small signal test
- Built-in 8000mAh large capacity battery
- 8-inch (800 × 600) multi-touch LCD screen
- Support SCPI, LabVIEW
- Various advanced triggering and decoding functions
- Multiple communication interfaces: USB host, USB device, LAN, (USBTMC)

Model	MP720645
Bandwidth	100MHz
Sample Rate (real time)	1GS/s
Vertical Resolution (A/D)	8 bits
Record length	40M
Waveform Refresh Rate	45,000 wfms/s
Horizontal Scale (s/div)	1ns/div - 1000s/div, step by 1 - 2 - 5
Channel	4
Display	8-inch (800 × 600) TFT LCD, multi-touch capacitive screen
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF
Max Input Voltage	1MΩ ≤ 300Vrms;
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5
Sample Rate / Relay Time Accuracy	±2.5ppm
Input Coupling	DC, AC, GND
Vertical Sensitivity	1mV/div - 10V/div (at input)
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I2C, SPI, RS232, and CAN
Bus Decoding	I²C, SPI, RS232, and CAN
Trigger Mode	Auto, Normal, and Single
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Week RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase, Preshoot, Rise Time, Fall Time,+Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B↑, Delay A→B↓, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edge Count
Waveform Math	+, -, ×, ÷, FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass, band reject)
Waveform Storage	100 waveforms
Communication Interface	USB, Pass/Fail, LAN
Frequency Counter	Support
Battery	7.4V, 8000mAh
Dimension (W × H × D)	270mm × 191mm × 48mm
Weight	About 1.7kg

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Accessories: UK/EU Power Supply Adapter, Probe, USB Cable, Probe Adjust Tool, Frame, BNC-SAM, Carry Bag, CM-Rom and Manual

UK/EU Power Cord	Power Supply Adapter	Probe	CD Rom	Manual	USB

Probe adjust	Frame	BNC-SAN	Standard Bag

Part Number Table

Description	Part Number
Handheld Digital Storage Oscilloscope, 4 Channel, 8-Bits, 100MHz, 1GS/s	MP720645

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