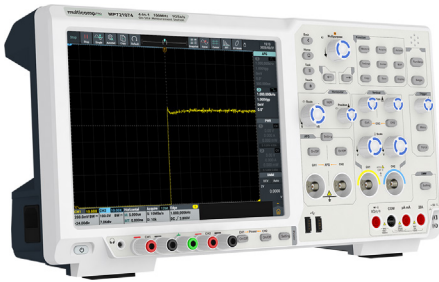


Multifunction Digital Oscilloscope **multicomp** PRO

RoHS
Compliant



Description

DSO+ AG+ Power supply + Multimeter 4-in-1 Supports edge trigger, slope, pulse width, window, under amplitude, interval, timeout, code type, Nth edge, video trigger, serial bus trigger etc. Supports FRA chart testing Android based, new experience, more possible Supports external HDMI display, mouse and keyboard, facilitating complex editing operations Supports configuring multi-media equipment, such as camera, microphone, speaker and headphone jack, expand more teaching methods Rich interface: USB host x4, USB device, LAN, HDMI 10.4 inch capacitive touch HD display

Modle	MP721074	MP721075
Bandwidth	100MHz	
Sample Rate	1GS/s	
Vertical Resolution (A/D)	Max 14bits	8bits
Channel	2	
Input impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF	
Input coupling	DC, AC, and GND	
Record length	10M	
Waveform Refresh Rate	65,000 wfms/s	
Horizontal Scale (s/div)	2ns/div - 1000s/div, 1 - 2 - 5	
Max Input Voltage	1MΩ ≤ 300 Vrms;	
Vertical Sensitivity	1mV/div - 10V/div (at input)	
Probe attenuation coefficient	10uX-50kX,step by 1 – 2 - 5, support custom	
Cursor Measurement	ΔV, and ΔT between cursors, ΔV and ΔT between cursors, and auto- cursors	
Automatic Measurement	Period, Frequency, +Pulse Width, -Pulse Width, Rise Time, Fall Time, Screen Duty, +Duty Cycle, -Duty Cycle, PK-PK, RMS, Overshoot, Max, Min, Top, Cycle RMS, Base, Amplitude, Preshoot, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edge Count, Area, Cycle Area, Delay A→B \int , Delay A→B \int , Phase, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF	
Waveform Math	+, -, *, /, Intg, Diff, Sqrt, Function operation(Lg/Ln/Exp/Abs/Sine/Cosine/Tan), User Defined Function, digital filter(low pass, high pass, band pass, band reject)FFT, FFTrms	
Waveform Storage	128MB, 100 waveforms	
Lissajou's Figure	Bandwidth	Full Bandwidth
	Phase Difference	±3 degrees

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sg.element14.com/b/multicomp-pro

multicomp PRO

Multifunction Digital Oscilloscope **multicomp** PRO

Trigger Typ 	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I2C, SPI, RS232, LIN and CAN		
Line / Field Frequency (video)	NTSC, PAL and SECAM standard		
Trigger Mode	Auto, Normal, and Single		
Interface	HDMI; USB device *1, USB Host *4; Trig Out(P/F); LAN; Earphone		
Frequency Counter	Available		
Display	10.4 inch (1024×768) touch LCD		
Power Specifications			
Channel	CH1/CH2		
Rated Output 0°C0 to 40°C	Max Voltage	0.1-15V	
	Max Current	0.1-3A	
	Max Power	15W	
Readback Resolu- tion	Voltage	10mV	
	Current	10mA	
Multimeter Specification			
Full Scale Reading	4½ digits	Frequency Response	(40 - 1000) Hz
Auto Range	√	Ture rms	√
Measure	Voltage, Current, Capacitance, Resistance, Duty cycle, Continue, Diode test		
Waveform Generator Specification			
Max Frequency Output	50MHz		
Sample Rate	300MS/s		
Channel	2		
Standard Waveforms	Sine wave, square wave, ramp wave, pulse wave, noise		
Arbitrary Waveforms	exponential rise, exponential decline, Sin(x)/x, step wave, noise etc 28 build-in waveforms		
Amplitude (High Resistance)	2mVpp - 10Vpp		
Waveform Length	8K		

Specifications subject to change without prior notice.

Part Number Table

Description	Part Number
Digital Oscilloscope, Multifunction, 2 Channel, 14 Bit	MP721074
Digital Oscilloscope, Multifunction, 2 Channel, 8 Bit	MP721075

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