

PC Based Oscilloscope

60MHz, 4 Channels Arbitrary Wave Form Generator



Specifications:

	Model	72-10177
Horizontal	Analog Channels	4
	Bandwidth	60MHz (-3dB)
	Rise Time	5.8ns
	Real-time Sampling Rate	200MSPS
	Time Base Range	5ns/div~1,000s/div (1-2-5 sequences)
	Time Base Precision	±50ppm
Vertical	Input Impedance	Resistance: 1MΩ ; Capacitance: 25pF
	Input Sensitivity	10mV/div to 5V/div
	Input Coupling	AC, DC and GND
	Vertical Resolution	8 bits
	Memory Depth (Sample Points)	10K-16M/CH
	Maximum Input	400V (DC+AC Peak)
Trigger	Source	CH1, CH2, CH3, CH4, EXT
	Mode	Edge, Pulse, Video, Alternative
X-Y Mode	X-Axis Input	CH1/CH2/CH3/CH4
	Y-Axis Input	CH1/CH2/CH3/CH4
	Phase Shift	Max. 3 degree
Cursors and Measurement	Voltage Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot
	Time Measurement	Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
	Cursors Measurement	Horizontal, Vertical, Track, Auto Measure Modes
	Waveform Signal Process	., -, x, ÷, FFT, Invert
Others	Auto Set	yes
	Voltage Range	10mV to 5V/div @ × 1 probe 100mV to 50V/div @ × 10 probe 1V to 500V/div @ × 100 probe 10V to 5,000V/div @ × 1,000 probe 100V to 50,000V/div @ × 10,000 probe 200mV to 100V/div @ 20:1



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	Model	72-10177
Others	Cursor	Time/frequency difference, voltage difference
	Current Range	CC65(20A), CC65(60A), CC650, CC1100
	Cursor	Time/frequency difference, Voltage difference
	FFT	Rectangular, Hanning, Hamming, Blackman Window
	Math	Addition, Subtraction, Multiplication, Division
	Interface	USB 2.0 (LAN, WIFI Optional)
Arbitrary Wave Form Generator Mode	Waveform Frequency	DC ~ 25MHz
	DAC	2k ~ 200MHz adjustable
	Frequency Resolution	0.1%
	Waveform Depth	4KSa
	Vertical Resolution	12bit
	Frequency Stability	<30ppm
	Wave Amplitude	±3.5V Max.
	Output Impedance	50Ω
	Output Current	50mA Ipeak = 50mA
Harmonic Distortion	-50dBc(1kHz), -40dBc(10kHz)	
Power Source	8 - 36V Wide range of input voltage, suitable for vehicle power test	
Mechanics	Dimension	255mm × 190mm × 45mm
	Weight	1kg

Part Number Table

Description	Part Number
4 Channels Oscilloscope, Arbitrary Wave Form Generator	72-10177

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