

Handheld Scope-meter

Protek 1000 Series

Features

Bandwidth (60MHz, 200MHz / 2 Channels)
 Real-Time Sampling Rate (150MSa/s , 500MSa/s)
 6,000 Counts DMM Resolution (AC/DC 600V, 10A)
 5.7 inch TFT Color LCD Display (Backlight)
 6 hours Operation Time (Battery)
 USB Host / Device 2.0 Full-speed Interface



Specification

		Protek 1006	Protek 1020	
1	Vertical	Channel	2	
		Bandwidth	60 MHz	200 MHz
		Rise Time	5.8 ns	1.7 ns
		Input Impedance	Resistance : 1 M; Capacitance : 15 pF	
		Input Sensitivity	10 mV/div to 5V/div	2 mV/div to 10V/div
		Input Coupling	AC, DC With Ground Level Indicator	
		Vertical Resolution	8 Bits	
		Memory Depth	32K At Signal Channel, 16K At Dual Channel	
		Maximum Input	300 V(DC+AC Peak)	
		2	Horizontal	Sampling
Time Base Range	5ns/div ~ 1000s/div			2ns/div ~ 1000s/div
Time Base Precision	±50 ppm			
3	Trigger	Source	CH1, CH2	
		Mode	Edge, Pulse Width, Alternative	Edge, Video, Pulse Width, Alternative
4	X-Y Mode	X-Axis Input	Channel 1	
		Y-Axis Input	Channel 2	
		Phase Shift	Max.3 Degree	
5	Cursors and Measurement	Voltage Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot	
		Time Measurement	Frequency, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle	
		Delay Measurement	Delay 1-> 2 ↑ , Delay 1-> 2 ↓	
		Cursors Measurement	Manual, Track, Auto Measure Modes	
		Waveform Signal Process	CH 1+/- CH2, CH1 x CH2, CH1/CH2, FFT, Invert	
		Storage	15 Waveforms and Setups	
6	Meter Mode	Maximum Resolution	6,000 Counts	
		DMM Testing Modes	Voltage, Current, Resistance, Capacitance, Diode & Continuity	
		Maximum Input Voltage	AC: 600V, DC: 600V	
		Maximum Input Current	AC: 10A, DC: 10A	
		Input Impedance	10 MΩ	
7	Display	TFT LCD Type	5.7 Inch LED Backlight Display	
		Display Resolution	240 x 320 Dots	
8	Interface	USB	USB Host/Device 2.0 Full Speed Supported	
		Optical	RS232, LAN	
9	Power Source	Line Voltage Range	AC 100V ~ 240V, 50 Hz ~ 60 Hz; DC Input : 8.5 VDC, 1500 mA	
		Battery Power (Installed)	6 Hours (Li-on Battery)	
10	Mechanics	Dimension	245 x 163 x 52 (mm)	
		Weight	1.2 kg	