

Pen-type Oscilloscope

USB2.0 Plug and Play, easy control by Key and Knob

PSO2020

Feature

- USB2.0 plug and play, easy control by key and knob;
- 20MHz bandwidth;
- 96MS/s real time sample rate;
- Human engineering design;
- Trigger option : edge;
- Light and portable, ergonomic design;
- OS: Windows XP, VISTA, Win7/8;



Specifications

Model		PSO2020
Acquisition	Channl	1
	Bandwidth	20MHz
	Sample Rate	96MSa/s
Input	Acquisition Mode	Sample, Peak Detect and Average
	Input Couping	DC, AC, GND
	Input Impedance	Resistance: 1M Ω ; Capacitance: 25pF
Horizontal	Max Input Voltage	50 Vpk (DC + peak)
	Time Base Range	1ns/div ~ 5000S/div(1–2–5 sequences)
	Time Base Precision	\pm 50ppm
	Interpolation	Step, Linear, Sin(x)/x10K S
Vertical	Memory Depth	1M
	Resolution	8 bit
	Voltage Range	20mV ~ 20V
	Position Range	\pm 4division
	DC Gain Accuracy	\pm 3%
	Input Protection	100V (DC+AC Peak)
	Math	+, - , x, \div , FFT
Trigger	FFT	Rectangular, Hanning, Hamming, Blackman
	Trigger Soure	CH1
	Trigger Mode	Auto, Normal and Single
Measurement	Trigger Type	Edge, Rising, Falling
	Cursor Measur	Δ V and Δ T between cursors
Mechanical	Auto Measur	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty
	Temperatue	Operating: 0 $^{\circ}$ C to 40 $^{\circ}$ C; Non-operating: -20 $^{\circ}$ C to +60 $^{\circ}$ C
	Humidity	Below 35 $^{\circ}$ C, \leq 90% Relative humidity; 35 $^{\circ}$ C ~ +40 $^{\circ}$ C, \leq 60% Relative humidity
	Altitude	Operating: 3,000m or below; Non-operating: 15,000m or below
	Size	220mm X 43mm X 27mm
	Weight	150g(Without Package)