

Pen-type Oscilloscope

20MHz, Pen-type Oscilloscope

PSO2020

Feature

- Easy portability, Simple operation;
- 20MHz bandwidth;
- 96MS/s real time sample rate;
- Human engineering design;
- Multi- trigger option : edge, slope, and pulse;
- USB 2.0 interface,no external power required;
- OS: Windows NT, Windows 2000, XP, VISTA, Win7/10



Specifications

Model		PSO2020
Acquisition	Channel	1
	Bandwidth	20MHz
	Sample Rate	96MSa/s
	Acquisition Mode	Sample, Peak Detect and Average
	Average	4、 8、 16、 32、 64、 128
Input	Input Couping	DC, AC, GND
	Input Impedance	Resistance: 1MΩ;Capacitance: 25pF
	Probe Attenuation Factors	1X, 10X
	Max Input Voltage	35Vpk (DC + peak)
	Time Base Range	1ns/div ~ 1h/div(1-2-4 sequences)
Horizontal	Time Base Precision	± 50ppm
	Interpolation	Step, Linear, Sin(x)/x10K S
	Memory Depth	32K : 40us/div-400ms/div(Single Channel);
		20us/div-400ms/div(Double Channel);
		64K : 40us/div-400ms/div
Resolution	8 bit	
Vertical	Voltage Range	20mV ~ 20V/div @ x1 probe;
		100mV ~ 50V/div @ x10 probe;
		1V ~ 500V/div @ x100 probe;
	10V ~ 5KV/div @ x1000 probe	
	Position Range	± 4division
Trigger	Bandwidth Limit	20MHz
	LF Respond (AC, -3dB)	≤ 10Hz(at input BNC)
	Rise Time	≤ 17ns
	DC Gain Accuracy	± 3%
	Trigger Soure	CH1
Measurement	Trigger Mode	Auto, Normal and Single
	Trigger Type	Edge, Rising, Falling
	Trigger Sensitivity	0.02 div
	Trigger Level Range	± 4V
	Trigger Level Accuracy	± 4 division
Mechanical	Cursor Measur	△ V and △ T between cursors
	Auto Measur	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty
	Temperature	Operating: 0°C to 40°C; Non-operating: -20°C to +60°C
Mechanical	Humidity	Below 35°C, ≤90% Relative humidity; 35°C ~ +40°C, ≤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)