



Order Code - PC-1022
 PC Digital Oscilloscope 25 MHz., 2 CH,
 100MS/s, USB+Software



Main Features

- 25MHz bandwidth, and 100MS/s real-time sample rate
- 2-channel + 1 multi-channel (aux.)
- 5K record length
- Friendly UI : FFT, or X-Y, and waveform 2 views displayed on the same screen
- Multi-trigger option: edge, video, slope, pulse, and alternate
- USB bus powering, and LAN remote control (optional)
- Ultra-thin body design, easy portability

Specifications

Bandwidth	25MHz
Channel	2+1 (multi)
Sample Rate	100MS/s
Horizontal Scale (s/div)	5ns/div - 100s/div, step by 1 - 2 - 5
Rise Time	£14ns
Record Length	5K
Input Coupling	DC, AC, GND
Input Impedance	1MW±2%, in parallel with 10pF ± 5pF
Channel Isolation	50Hz : 100 : 1; 10MHz : 40 : 1
Max Input Voltage	40V (PK - PK) (DC + AC, PK - PK)
DC Gain Accuracy	±3%
DC Accuracy Average	³ 16 : ± (3% reading + 0.05 div) for DT
Probe Attenuation Factor	1X, 10X, 100X, 1000X
LF Respond (AC, -3dB)	³ 5Hz (at input, Ac coupling, -3dB)
Sampling Rate/RelaAy Time Accuracy	150ps
Interpolation	sin(x)/x
Interval (DT) Accuracy (full bandwidth)	Single : ± (1 interval time + 100 ppm ´ reading + 0.6ns), Average > 16: ± (1 interval time + 100ppm ´ reading + 0.4ns)
Vertical Resolution (A/D)	8 bits resolution (2 channels simultaneously)
Vertical Sensitivity	5mV/div - 5V/div
Trigger Type	Edge, Pulse, Video, Slope, Alternate
Trigger Mode	Auto, Normal, Single
Trigger Level	Trigger Level ±5 divisions form screen center
Acquisition Mode	Sample, Peak Detect, and Average
Line / Field Frequency (video)	NTSC, PAL, and SECAM standard
Cursor Measurement	DV, and DT between cursors
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→ B, Delay A→B, + Width, - Width, + Duty, -Duty
Waveform Math	+, -, ´, , invert, FFT
Lissajous - Bandwidth	Full bandwidth
Figure - Phase Difference	±3 degrees
Communication Interface	USB1.1
Multi-function - Signal Type	Synchronized input / output, Pass / Fail, external Trigger input
Interface - Level Standard	TTL
Power Supply	5.0V/1A
Power Consumption	1.5W
Dimensions (W x H x D)	170 ´ 120 ´ 18 (mm)
Weight (without package)	About 0.26 kg

Note: Specifications are subject to change.

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