

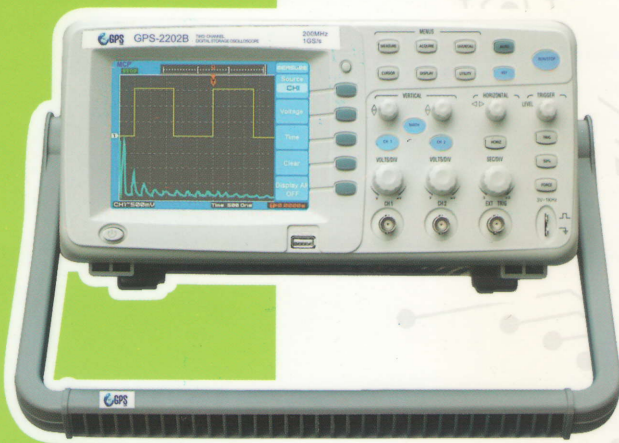


GENERAL POLYTRONIC SYSTEMS LTD. GPS 2000 SERIES DIGITAL STORAGE OSCILLOSCOPE

GPS-2000 Series DIGITAL STORAGE OSCILLOSCOPE

• Features

- Dual channel, bandwidth 25-200MHz
- Sample Rate(Real-time)500MSa/s up to 1GSa/s, equivalent sampling 50GSa/s
- Easy to read with color LCD (TFT) display
- 4k channel memory depth
- Advanced Triggering function from edge, video, pulse and delay
- $+$ $-$ $\times$ $\div$ Mathematic Functions
- FFT spectrum analysis: Hanning, Hamming, Blacking, etc.
- internal 10 setups and waveform storage
- Capture rate is up to 1K/s
- Digital filter and waveform recorder
- Automatic self calibration
- Front mask and cable container
- Multiple-language user interface
- Automatic parameter measurement
- standard USB host interface





GPS-2000-Series

DIGITAL STORAGE OSCILLOSCOPE

Specifications

		2202B	2152B	2102B	2062B	2102A	2062A	2042A	2022A
Bandwidth		200MHz	150MHz	100MHz	60MHz	100MHz	60MHz	40MHz	25MHz
Real time Sample Rate		1GSa/s				500MSa/s			
Equivalent Sample Rate		50GSa/S							
Rise time		1.8ns	2.3ns	3.5ns	5.8ns	3.5ns	5.8ns	8.8ns	14ns
Time base Range		1ns/div~50s/div	2ns/div~50s/div	2ns/div~50s/div	5ns/div~50s/div	2ns/div~50s/div	5ns/div~50s/div	5ns/div~50s/div	20ns/div50s/div
X-Y	Bandwith	200MHz	150MHz	100MHz	60MHz	100MHz	60MHz	40MHz	25MHz
Operation	Phase Difference	±3degree							
Input Impedance		1MΩ//13pF 50Ω							
Display		320×240							
Number of Channel		Two Channels and Ext.Trig							
Memory		4k per channel							
Vertical Sensitivity		2mV/div~5V/div							
Vertical Resolution		8bits							
Input Coupling		DC,AC,GND							
Trigger Mode		Auto, Normal, Single							
Trigger Type		Edge, TV, Pulse Width, Delay							
Trigger Coupling		DC, AC, LF Rej,HF Rej							
Horizontal Accuracy		±0.01%							
Math		+, -, ×, ÷,FFT							
FFT	Window	Hanning, Hamming, Blackman, Rectangular							
	Sample	1024Points							
Auto Measurement		Vpp.Vmax.Vmin.Vtop.Vbase.Vamp.Vrms.Vavg.Vover.Vpre Freq.Period.Rise.Fall.+Width.-Width.+Duty.-Duty.DelayA.DelayB							
Refresh Rate		1000wfms/s							
Cursor Measure		Manual. Trace. Auto Measure							
Storage		10Wave forms.10 setups							
I/O		USB device/USB host							
Power		100V-240V/50VA Max							
Net Weight		5kg							
Dimensions(W×H×D)		312×145×300mm							
Accessories		Probe × 2(1×.10×), Power Cord,user manual .USB cable, software							

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