

### FEATURES

USB interface provides high performance for most usages.



### SPECIFICATIONS

MODEL		PC Based DSO			
		DSO-2090	DSO-2150	DSO-2250	DSO-2500
Max. Sample Rate	Realtime Sampling	100MS/s	150MS/s	250MS/s	500MS/s
Bandwidth		40MHz(-3dB)	60MHz(-3dB)	100MHz(-3dB)	200MHz(-3dB)
Single Shot bandwidth		40MHz	60MHz	100MHz	200MHz
Buffer Size		32K samples		10 K to 512K samples	
Channels		2 Channels			
Voltage Range		10mV to 5V/div @ x 1 probe			
		100mV to 50V/div @ x 10 probe			
		1V to 500V/div @ x 100 probe			
		10V to 5000V/div @ x 1000 probe			
Accuracy		± 3%			
Timebase Range		4ns/div to 1h/div (1-2-4 sequences)		2ns/div to 1h/div (1-2-4 sequences)	
Offset Level		± 4 divisions			
Coupling		AC, DC, GND			
Impedance		1M. Ohm			
Input Protection		35Vpk (DC + peak AC, without external attenuation)			
Roll Mode		1s/div to 1h/div			
Range		10 divisions			
Pre/Post Trigger		0% to 100%			
Trigger Type		Edge trigger: Rising edge, falling edge			
Autoset		Yes			
Settability		0.03 div increments			
Trigger Level		± 4 divisions			
Measurements		Vp-p, Vmax, Vmin, Vmean, Vrms, Vamp, Vhigh, Vlow, positive overshoot, negative overshoot, cycle mean, cycle rms, period, frequency, positive pulse width, negative pulse width, rise time (10% to 90%), fall time (10% to 90%), positive duty cycle, negative duty cycle			

\*Technical Specifications & Appearance are subject to change without prior notice

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MODEL		PC Based DSO			
		DSO-2090	DSO-2150	DSO-2250	DSO-2500
Max. Sample Rate	Realtime Sampling	100MS/s	150MS/s	250MS/s	500MS/s
Cursor		Time / frequency difference, voltage difference			
Math		Addition, subtraction, multiplication, division			
FFT		Rectangular, Hanning, Hamming, Blackman Window			
Interface		Universal Serial Bus (USB)			
Power		No external power source required			
		Bus-powered from USB1.7W			
Calibration Signal Output		2V, 1kHz, Square Wave			
Trace Display		Point / Line			
Vertical Position Variable		Yes			
Grid		On / Off			
File Management		Image save : BMP, JPG			
		Data save : dso			
		OLE (Object and Embedding) automation: Data generation for Microsoft Excel			
		Setting save / load			
Print		Print in color / mono			

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