



Pc Based DSO

Protek

2090 / 2150 / 2250

- Features**
- USB interface provides high performance for most usages

Specifications

MODEL	DSO-2090	DSO-2150	DSO-2250
Realtime Sampling	100MS/s	150MS/s	250MS/s
Bandwidth	40MHz(-3dB)	60MHz(-3dB)	100MHz(-3dB)
Single Shot bandwidth	40MHz	60MHz	100MHz
Buffer Size	32K samples		10k to 512k samples
Channels	2 Channels		
Voltage Range	10mV to 5V/div @ x1 probe 100mV to 50V/div @ x10 probe 1V to 500V/div @ x100 probe 10V to 5000V/div @ x1000 probe		
Accuracy	±3%		
Timebase Range	4ns/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		
Trigger Mode	Auto, Normal and Single		
Autoset			
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		
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 USB(1.7W)		
Calibration Signal Output	2V, 1kHz, Square Wave		
Trace Display	Point / Line		
Vertical Position Variable	Yes		
Grid	On / Off Image save: BMP, JPG		
File Management	Data save: dso OLE(Object Linking and Embedding) automation: Data generation for Microsoft Excel		
Print	Setting save / load Print in color / mono		