

PC Based DSO

Protek 2090/2150/2250

Features

Real-Time Sampling Rate (100MS/s, 150MS/s, 250MS/s)

Bandwidth (40MHz, 60MHz, 100MHz / 2 Channels)

USB Interface

Data Management Support (Microsoft Excel)



Specification

	DSO-2090	DSO-2150	DSO-2250	
1	Real-time Sampling	100 MS/s	150 MS/s	250 MS/s
2	Bandwidth	40 MHz(-3dB)	60 MHz(-3dB)	100 MHz(-3dB)
3	Single Shot Bandwidth	40 MHz	60 MHz	100 MHz
4	Buffer Size	10k ~ 64k Samples		10k to 512k Samples
5	Channels	2 Channels		
6	Voltage Range	10mV to 5Vdiv@ x1 Probe 100mV to 50Vdiv@ x10 Probe 1V to 500Vdiv@ x100 Probe 10V to 5kVdiv@ x1000 Probe		
7	DC Accuracy	±3%		
8	Timebase Range	4ns/div to 1h/div (1-2-4 Sequence)		
9	Offset Level	±4 Divisions		
10	Coupling	AC, DC, GND		AC, DC, GND
11	Impedance	1M ohm		
12	Input Protection	35Vpk(DC+Peak AC <10kHz, Without External Attenuation)		
13	Roll Mode	1 s/div to 1 h/div		
14	Range	8 Divisions	10 Divisions	8 Divisions
15	Pre/Post Trigger	0% to 100%		
16	Trigger Type	Edge Trigger: Rising Edge, Falling Edge		
17	Trigger Mode	Auto, Normal and Single		
18	Autoset	Yes		
19	Settability	0.03 div Increments		
20	Trigger Level	±4 Divisions		
21	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		
22	Cursor	Time/ Frequency Difference, Voltage Difference Frequency Only in FFT Mode		
23	Math	Addition, Subtraction, Multiplication, Division		
24	FFT	Rectangular, Hanning, Hamming, Blackman Window		
25	Interface	USB		
26	Power	No external Power Source required Bus-Powered From USB 1.7(W)		
27	Calibration Signal Output	2V, 1 kHz, Square Wave		
28	Trace Display	Point/Line		
29	Vertical Position Variable	Yes		
30	Grid	On/Off		
31	File Management	Image Save : BMP, JPG Data Save : DSO OLE(Object Linking and Embedding) Automation : Data Generation For Microsoft Excel Setting Save/Load		
32	Print	Print in Color/Mono		