

Analog Oscilloscope

Protek 6500 Series**Features**

2 Channels 4 Traces

X-Y Operation

12KV CRT(6504, 6506, 6510) / 1.9KV CRT(6502)

X10 Magnifier(6504, 6506, 6510) / X5 Magnifier(6502)

Specification

	Protek 6502	Protek 6504
1 Vertical Direction		
Operation Mode	CH A, CH B, DUAL, ADD	
Sensitivity	5mV ~ 5V / div, 1mV ~ 1V / div (X5 MAG)	
Bandwidth (AC/DC)	20MHz	40MHz
Input Impedance	1MΩ ±2%, 25pF ±3pF	
Rise Time	17.5ns	8.7ns
Max. Input Voltage	300V (DC±AC peak)	
2 Horizontal Deflection		
Sweep Mode	A, XY, ALT, MAG, X5 MAG	A, XY, ALT, MAG, X10 MAG
Sweep Time	0.1 μs to 0.25/div ±3%	
Trigger Source	INT, CHB, LINE, EXT	
Trigger Coupling	AC Coupling	
Trigger Sensitivity	Frequency / INT / EXT	Frequency / INT / EXT
Normal	DC ~ 2MHz / 3div / 200mV 2MHz ~ 20MHz / 3div / 300mV	DC ~ 5MHz / 3div / 200mV 5MHz ~ 40MHz / 3div / 800mV
Auto	20Hz ~ 2MHz / 3div / 200mV 2MHz ~ 20MHz / 3div / 300mV	20Hz ~ 5MHz / 3div / 200mV 5MHz ~ 40MHz / 3div / 800mV
Tv Sync	Min 1 div / Min 11 Vp-p	
3 X-Y Operation		
Frequency Bandwidth	DC ~ 500kHz	
Phase Difference	Less Than 3° (DC ~ 50kHz)	
4 General		
CRT	6 inch (8 X 10div), 1.9KV	6 inch (8 X 10div), 12KV
Power Requirement	AC 100V / 120V / 220V / 230V ± 10%	
Dimension	335(W) X 140(H) X 375(D) mm	
Weight	Approx. 7.3kg	