

Handheld Oscilloscope

VICTOR®



240/240S



270/270S



2102/2102S



2202/2202S

Technical data

Basic skills	240/240S	270/270S	2102/2102S	2202/2202S
Bandwidth	40 MHz	70 MHz	100 MHz	200 MHz
Real-time sampling rate	125 MSa/s (Dual channel)	250 MSa/s (Single channel)	250 MSa/s (Dual channel) 500 MSa/s (Single channel)	1 GSa/s
Aisle	2			
Sampling method	Normal, peak sampling			
Sampling Rate	125 MSa/s (dual channel), 250 MSa/s (single channel)			
Record length	When single channel: 8K maximum, when dual channel: 4K			
Wave refresh	10,000 wfms/s			
Input coupling	DC, AC, ground			
Input impedance	1 MΩ±2%, in parallel with 16pF±10 pF			
Probe coefficient	1X, 10X, 100X, 1000X			
Max input voltage	400V (DC+AC peak value)			
Time base range	5ns/div-1000s/div, step by 1-2-5			
Vertical sensitivity	10mV/div~10V/div			
Vertical resolution	8bit			
Cursor	Voltage difference (ΔV), time difference (ΔT)			
Auto measurement	Period, frequency, amplitude, peak-to-peak, max, min, average			
Trigger type	Edge trigger			
Trigger method	Automatic, normal, single			

EMC LVD CE



Basic skills	Range	Accuracy
DC voltage	200.00mV	±(0.05%+5dig)
	2.0000V/20.000V/200.00V	±(0.3%+3dig)
	1000.0V	±(0.5%+2dig)
AC voltage	200.00mV/2.0000V/20.000V/200.00V	±(0.8%+5dig)
	750.0V	±(1%+5dig)
DC current	200.00mA	±(0.8%+2dig)
	10.000A	±(2.5%+2dig)
AC current	200.00mA	±(1%+5dig)
	10.000A	±(2.8%+5dig)
Resistance	200.00Ω/2.0000kΩ/20.000kΩ/200.00kΩ/2.0000MΩ	±(0.8%+3dig)
	20.000MΩ	±(1%+3dig)
	100.00MΩ	±(3%+3dig)
Capacitance	20.000nF/200.00nF/2.0000μF/20.000μF/200.00μF/2.0000mF	±(3.0%+10dig)
Continuity test	√ (<50Ω)	
Diode test	√ (<0-2V)	
Auto range	√	
True effective value	√	

Signal generator function 240S/270S/2102S		
Frequency characteristics	Sine wave	0.1Hz~25MHz
	Rectangular wave	0.1Hz~5MHz
	Sawtooth wave	0.1Hz~1MHz
	Pulse wave	0.1Hz~5MHz
	Arbitrary wave	0.1Hz~
Sampling Rate	125MSa/s	
Amplitude (50Ω)	0.01Vpp ~ 2.5Vpp	
Aisle	1	
Wave length	8k	
Vertical resolution	14 bit	
Output impedance	50 Ω	

Basic parameters	
Power	2200mAh*2 (3.7V, 18650)
Display size	3.5-inch color LCD display
Body color	Black+orange
Body weight	About 0.6KG (without battery)
Dimensions	198 mm × 96mm ×38 mm
Accessories	Power adapter, USB cable, alligator clip cable (2 S type), test lead, probe calibration tool, manual