

Model 381270 & 381275 MultiScope™

CAUTION: Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.

SPECIFICATIONS

Display	128x64 pixel graphic LCD (view area: 2.8x1.5", 71.7x39mm)
Measurement rate	Digital: 4 times/sec; Bar-Graph: 7 times/sec.
Auto Power Off	After 30 minutes of inactivity
Overrange indication	"OVER"
Display rate	Digital display; 4/second Bargraph; 7/second
Input resistance	10M Ω , >2G Ω on mV range
Power	6 size AA cells, 6 size AA Nicad batteries, 2 Ni-Cad Battery Pack or AC adaptor Operating time: Alkaline (6hrs approx.), Ni-Cad (8hrs approx.) Ni-Cad Charging time (3hrs approx.)
Temperature	Operating: 32°F to 104°F (0°C to 40°C), Storage (Ni-Cad batteries removed): -4°F to 140°F (-20°C to 60°C), Charging: 32°F to 113°F (0°C to 45°C)
RS232 Interface	Baud Rate: 9600, Data bit: 8 bit, Stop bit: 1 bit, Parity: none
Min/Max/Avg.	Records minimum, average and maximum value
Hold	Captures displayed reading
Storage	15 pages (text or graphic)
Dimensions/weight	4.2x8.3x2.2" (107x210x55mm) / 1.77lbs. (800gm)

Digital Storage Oscilloscope		
Display	Number of Channels	One
	Bandwidth	DC to 100kHz
	Volt / Division (4 divisions)	150mV to 400V
	Sample Rate	1.0MSPS
Horizontal	Number of Channels	One
	Second / Division (9 divisions)	10usec. to 1 second
	Record length	25 div
Glitch Capture	500nsec. (minimum)	

Multimeter	Range	Resolution	Accuracy
DC Voltage	400mV	0.1mV	$\pm(0.5\%rdg + 10dgt)$
	4V	0.001V	
	40V	0.01V	
	400V	0.1V	
	1000V	1V	
AC Voltage True RMS	400mV	0.1mV	$\pm(0.75\%rdg + 10dgt)$ RMS 50Hz to 1kHz
	4V	0.001V	
	40V	0.01V	
	400V	0.1V	
	700V	1V	
DC Current	400uA	0.001mA	$\pm(1.0\%rdg + 10dgt)$
	400mA	0.1mA	
	20A	0.01A	
AC Current	400uA	1uA	$\pm(1.2\%rdg + 10dgt)$ RMS 50Hz to 1kHz
	400mA	0.1mA	
	20A	0.01A	