

5MHz Handheld MultiScope™

High resolution Oscilloscope and True RMS multimeter with PC interface

Features:

Oscilloscope

- 160x160 pixel high density graphical display with 2.5x2.5" (64x64mm) viewing area and EL backlighting
- DC to 5MHz bandwidth and 25MSPS sampling rate
- Vertical sensitivity of 10mV to 200V per division with 14 divisions displayed
- Single channel with 1MΩ input impedance
- Horizontal sweep rate of 125ns to 2s per divisions with 23 divisions
- Adjustable trigger level and slope
- Single shot mode with waveform expansion or compression
- Cursor function measures time or voltage two point differences on a waveform

MultiMeter

- 4000 count dual display with analog bargraph
- True RMS AC Voltage and Current
- Functions include AC/DC Voltage and Current, Resistance, Capacitance, Frequency, dBm, Diode and Continuity
- Max/Min/Average with time stamping and graphical plot
- Auxiliary feature allows for direct temperature, humidity or high current displays using external dmm adaptors
- High/Low comparator feature in the voltage, resistance or auxiliary functions
- Frequency Counter function with simultaneous frequency, period and rpm display
- 5V square wave output is adjustable from 2.5Hz to 78kHz
- Automotive rpm, %duty cycle, dwell and ms pulsewidth displays
- Graphical logic analyzer function

General

- Store up to 15 screens or text displays
- RS-232 PC interface with Windows® 95/98/2000/ME/XP compatible software
- Auto Power Off
- Optional rechargeable NiCad battery pack and AC adaptor/recharger recommended
- Complete with protective holster, built-in stand, Windows® compatible software, RS-232 cable, six AA batteries, fuses, test leads & alligator clips



CE CAT II - 1000V

Specifications	Ranges	Max. Resolution	Basic Accuracy (%rdg+digits)
DC Voltage:	400mV to 1,000V	0.1mV	±(0.3%+5d)
AC Voltage:(TRMS)	400mV to 700V	0.1mV	±(0.75%+10d)
DC Current:	400mA to 20A	10µA	±(1.2%+10d)
AC Current:(TRMS)	400mA to 20A	10µA	±(1.2%+10d)
Resistance (Ω):	400Ω to 40MΩ	0.1Ω	±(0.5%+10d)
Capacitance:	40nF to 100µF	1pF	±2.0%
Frequency:	0.5Hz to 45MHz	0.1Hz	±0.1%
Signal Output:	2.5Hz to 78kHz	1Hz	
Duty Cycle:	1 to 100%		
Sample rate:	Measurements: 4/sec, Bargraph: 7/sec, Oscilloscope: 25 Mega		
Dimensions/Weight:	4.2x8.3x2.2" (107x220x55mm)/ 1.77lbs (800g)		

Ordering Information:

- 381285**5MHz Handheld MultiScope™
- 381285-NIST** ..Handheld MultiScope™ w/NIST Cert. with Data
- 381279**NiCad Batteries & 117V AC Charger
- 381279-2**NiCad Batteries & 220V AC Charger
- 381299**Vinyl carrying case with shoulder strap
- 381276**Automotive Pick-up Adaptor
- 381277**Temperature Adaptor

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