

# Handheld MultiScope™

Graphical Storage Oscilloscope & True RMS DMM includes RS-232 interface and PC software

## Features:

- Oscilloscope graphical functions: Single channel, volts/division (150mV to 400V), Amps/division (15A), 500ns Glitch Capture, Pre/Post-Trigger (-4div./+10div.)
- Oscilloscope Bandwidth: DC to 100kHz with a Sample rate of 1 Million Samples/sec
- Oscilloscope Display: 128 x 64 pixel graphic LCD (View area: 2.8x1.5")
- MultiMeter Display: 3-3/4 digit (4000 count) LCD with Bargraph and Data Hold
- MultiMeter functions: AC/DC Voltage/Current, Resistance, Capacitance, Frequency, dB, Duty Cycle, Pulse Width, Period, TTL level Generator, Diode and Continuity tests
- Built-in RS-232 PC interface
- Record and Recall MIN/MAX/AVG readings with time stamping
- Generator output provides 10Hz to 20kHz TTL level output
- Store and recall 15 waveforms plus setup
- Graphical HELP screens explain functions
- Over-range indication and Auto power off
- Optional inductive pick-up adaptor for automotive RPM measurements to 12,000 rpm. (Distributor type engines)
- Optional 381279 rechargeable NiCad battery pack & AC adaptor/recharger recommended
- Complete with protective holster, built-in stand, Windows® 95/98 compatible software, RS-232 cable, six AA batteries, fuses, test leads & alligator clips

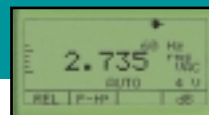


PC Capture of Graphic Display and Data Acquisition. Software Included.

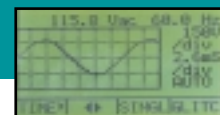


Specifications	Ranges	Max. Resolution	Basic Accuracy (%rdg + digits)
DC Voltage:	400mV, 4, 40, 400, 1,000V	0.1mV	±(0.5% + 10d)
AC Voltage:(TRMS)	400mV, 4, 40, 400, 700V	0.1mV	±(0.75% + 10d)
DC Current:	400µA, 400mA, 20A	1µA	±(1.0% + 10d)
AC Current:(TRMS)	400µA, 400mA, 20A	1µA	±(1.2% + 10d)
Resistance (Ω):	400, 4k, 40k, 400k, 4M, 40MΩ	0.1Ω	±(1.0% + 5d) up to 4MΩ
Capacitance:	4, 40, 400nF, 4µF, 40µF	1pF	±(3.0% + 5d)
Frequency:	1000Hz, 75kHz	1Hz	±(1.0% + 5d)
Signal Output:	100Hz, 1kHz, 20kHz	1 Hz	±(1.2% + 5d)
Period/Pulse Width:	4 msec, 1 second	1µSec	±(3.0% + 5d)
Duty Cycle:	1 to 100%	0.1%	±(3.0% + 5d)
Power:	Six AA batteries (6 hours); Optional AC adaptor and rechargeable batteries		
Sample Rate:	Measurements: 4/second; Bargraph: 7/second		
Dimensions:	4.2 x 8.3 x 2.2451126" (107 x 210 x 55 mm)		
Weight:	1.77lbs (800g)		

Digital or Graphical displays for viewing, storage or transfer to a PC



MultiMeter Display



Graphical Display



Help Screen

## Ordering Information:

- 381275 .....Handheld MultiScope™ kit with PC software & cable
- 381275-NIST...Handheld MultiScope™ with NIST Certificate 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