

Dual Channel, Datalogging, True RMS MultiMeter

Measure and display two Voltages or Voltage and Current simultaneously

Features:

- 60,000 counts, dual input channels with dual display and 30 segment bargraph
- 0.03% basic DCV accuracy
- 200kHz AC bandwidth
- Auto/manual ranging
- Functions include Capacitance, Frequency, Resistance, Continuity, Duty Cycle (TTL & Sine Wave) and Diode test
- AC/DC Current to 10A with 0.01 μ A resolution
- Simultaneously displays Frequency and Duty Cycle
- Stand-alone datalogging of 10,708 data points on both channels
- Record data of both channels using a PC through the built-in RS-232 interface
- Relative, Min/Max, and Hold functions
- Overload and low battery indication
- Complete with test leads, protective holster with built-in stand, Windows[®] 95/98/NT/2000/ME/XP compatible software, optically isolated RS-232 cable, and 9V battery

Applications:

- View input voltage and compare to output in an analog circuit
- Observe and plot current vs. voltage
- Study the relationship of two voltages similar to a dual channel DSO
- Datalog input voltage and view response over time

CE CAT III-1000V

Specifications	Range	Max. Resolution	Basic Accuracy
DC Voltage:	60mV, 600mV, 6V, 60V, 600V, 1000V	0.001mV	$\pm 0.03\%$
AC Voltage:	60mV, 600mV, 6V, 60V, 600V, 1000V	0.001mV	$\pm 0.1\%$
DC Current:	600 μ A, 6000 μ A, 60mA, 600mA, 1A, 10A	0.01 μ A	$\pm 0.1\%$
AC Current:	600 μ A, 6000 μ A, 60mA, 600mA, 1A, 10A	0.01 μ A	$\pm 0.3\%$
Resistance:	1k Ω , 10k Ω , 100k Ω , 1M Ω , 10M Ω , 40M Ω	0.01 Ω	$\pm 0.09\%$
Capacitance:	60nF, 600nF, 6 μ F, 60 μ F, 490 μ F	0.01nF	$\pm 0.8\%$
Frequency:	1Hz to 2MHz	0.0001Hz	$\pm 0.005\%$
Duty Cycle (TTL):	0.001% to 100.00%	0.001%	$\pm 3\%$
Dimensions/Wt:	8.15 x 4 x 1.85" (207 x 101 x 47mm) / 15.2oz (430g)		



Ordering Information:

380900Dual Channel, Datalogging, True RMS DMM
380900-NIST ..Dual Channel, Datalogging, True RMS DMM w/NIST Cert.

EXTECH INSTRUMENTS CORPORATION
 285 Bear Hill Road, Waltham, MA 02451-1064, U.S.A.
 Phone: 781-890-7440 • FAX 781-890-7864

ISO 9001:2000 CERTIFIED

Make mine an Extech!™
www.extech.com



09/24/04 - R1