

MULTIMETERS

AUTO RANGING DMM Q1080

- *Wireless Electric Field detect
- *Manual Override of Auto-ranging
- *Range Hold & Data Hold
- *AC/DC Current < 250µA - 10A
- *DC Volts 250mV -1000VDC
- *Resistance < 2500 - 25MO
- *Auto Power Off
- *TTL/CMOS Logic Tester
- *Diode Check
- *AC 250mV - 750V
- *Continuity Buzzer

Autorangeing multimeters are extremely handy if you can't spare a hand to change ranges on your DMM. This superb auto ranging met er is an ideal piece of test gear for laboratories, workbench, mobile technicians, installers or enthusiasts who want an excellent quality, reliable and robust DMM. A handy feature is the Wireless Electric Field (EF) for detecting mains voltage, by simply moving the meter over the path of the wiring an audible and visible alert is given. The added functionality of data acquisition is possible by using the optional Q 1082 RS232 interface. A unique feature found in the Q 1080 is the optically isolated RS232 port connection. Since the two devices are not connected directly the possibility of any damage to the computer as a result of a source being monitored is removed. A further benefit of such a connection is the reverse, where a spike generated by the power supply in the computer will also not cause any damage to the item being monitored. Supplied with high quality silicon rubber insulated test leads and a shock resistant rubber holster.



Part Number	Style
Q1080	Auto Ranging DMM
Q1092	Temperature Probe
Q1082	RS-232 PC Adaptor

Specifications:

- DC Voltage:** 250mV to 1000V
- AC Voltage:** 250mV to 750V
- DC Current:** 250µA to 10A
- AC Current:** 250µA to 10A
- Resistance:** 2500 to 25MO
- Frequency:** up to 200kHz
- Continuity:** 200 threshold, 2.5 kHz tone
- Diode Test:** Test current ~ 1mA
- Temperature:** -20°C - 300°C +/-3°C
- Protection:** 1mA fuse on mA, 13A fuse on 10A
- Dimensions:** 75(W) x 34(D) x 150(H) mm



TRUE RMS MULTIMETER

- *RS-232 Interface
- *True RMS mode
- *10 Location memory
- *Continuity and diode test
- *Decibel measurement
- *Inductance
- *Frequency
- *Data Hold
- * Pulse Signal Injection function
- * Back lit display
- * Auto Power Off
- * Logic test
- * Capacitance
- * Temperature
- * Fused 20 A Input
- * Overload Protection

3.75 digits, 4000 count display, auto ranging with analogue bar graph, 10MHz frequency counter. They feature a range of functions that until recently were only found on models costing 2-3 times more. With proper care these multimeters will last a lifetime, and they are perfect for research and development, service work and general scientific measurement applications. Both models are supplied complete with high quality silicon rubber leads and durable protective carry case.

Specifications:

- DC Voltage** 400mV, 4V, 40V, 400V, 1000V
Accuracy 0.5% +2 digits
- AC Voltage** 400mV, 4V, 40V, 400V, 750V
Accuracy 1.5% +2 digits
- DC Current** 400µA, 400mA, 20A
Accuracy 1% +2 digits
- AC Current** 400µA, 400mA, 20A
Accuracy 1.5% +3 digits
- Resistance** 400 R, 4k, 40k, 400k, 4M, 40M
Accuracy 0.5% +2 digits
- Frequency** 10kHz, 100kHz, 1MHz, 10MHz
Accuracy 0.01% +2 digits
- Capacitance** Range 100µF
Accuracy 3% +5 digits
- Inductance** 0-20H, 20-50H, 50-100H
Accuracy 3% +5d, 5% +5d, 10% +5d
- Temperature:** -20°C - 1200°C (0°F- 2000°F)
Accuracy 3% +3d (10 - 350°C), 3% +5d(-20 - 10°C)
- Decibels dBm** -25 dBm - +59 dBm
Accuracy ±0.5 dBm
- Logic Test** 0.8V- 2.0V
- Signal Out** 2048Hz, 4096Hz, 8192Hz
- Protection** 250V/20A Fused
- Dimensions** 88W x 37D x 199H



TEMPERATURE PROBE

Part Number	Q1092
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Part Number	Q1098
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