

Model 2700

Pocket DMM with Bargraph

- Analog bargraph
- 3200 count display
- Auto power off
- Range Hold
- Data Hold



2700

Pocket and Autobench™ Multimeters

Specifications

model
2700

DC VOLTS	Auto/Manual ranging
Ranges	300mV, 3V, 30V, 300V, 450V
Resolutions	100μV, 1mV, 10mV, 100mV, 1V
Basic Accuracy	±(1.3%rdg+2dgt)
Overvoltage Protection	500V DC + AC Peak
Input Impedance	10MΩ
AC VOLTS	Auto/Manual ranging, average responding, rms reading
Ranges	3V, 30V, 300V, 450V
Resolutions	1mV, 10mV, 100mV, 1V
Accuracy	±(2.3%rdg+5dgt)
Input Impedance	10MΩ
RESISTANCE	Auto/Manual ranging
Ranges	300Ω, 3kΩ, 30kΩ, 300kΩ, 3MΩ, 30MΩ
Resolutions	100mΩ, 1Ω, 10Ω, 100Ω, 1kΩ, 10kΩ
Basic Accuracy	±(2.0%rdg+3dgt), ±(6%rdg+3dgt) for 3.1MΩ, 10% for 30MΩ
Open circuit voltage	approx. 1.3VDC
Overload protection	500V DC + AC Peak

CONTINUITY CHECK	
Range	300Ω
Buzzer Threshold	<20Ω
Overload protection	500V DC+AC Peak
Battery Drain	No
Display	3200 count LCD with 32 segment analog bargraph
Polarity	(-) negative polarity indication
Overrange Indication	"OL" displayed
Low Battery Indication	"B" displayed
Operating Temperature	32° to 104°F (0° to 40°C), <70% RH
Storage Temperature	-4° tp +140°F (-20° to +60°C)
Power	Two 1.5V button type batteries NEDA 1166A or equivalent
Battery Life	250 hours
Dimensions (HxWxD):	4.4 x 2.2 x 0.4" (112 x 56 x 11 mm)
Weight	3 oz. (86 g) with batteries

Accessories

One Year Warranty

Batteries, Instruction manual, Case

Model 3000

Automotive Digital Multimeter

- 3 3/4 digit, 4000 count display
- 4 cycle / 2 cycle
- ± Triggering
- Full autoranging on DC/AC volts, capacitance and frequency
- Diode and continuity test
- Reads RPM, pulse, duty cycle and dwell
- Auto power off and low battery indicator
- Shielded for EMI
- Comprehensive, easy to understand users manual



3000

Specifications

model
3000

DC Voltage	Autoranging	Protection	20A Fuse for 20A range	Frequency	Autoranging
Ranges	400mV, 4V, 40V, 400V, 1000V	RPM	Manual Ranging	Ranges	100Hz, 1k, 10k, 100k, 400kHz
Accuracy	±(0.5% + 1 dgt)	Ranges	Low: 600 to 4000 RPM High: 1000 to 12000 RPM	Accuracy	±(0.1% + 4 dgt)
Max. Resolution	0.1 mV	Resolution	1 RPM, 10 RPM	Max. Resolution	0.1 Hz at 100 Hz
AC Voltage	Autoranging	Accuracy	±(2% + 1 dgt)	Temperature	
Ranges	400mV, 4V, 40V, 400V, 750V	Resistance	Autoranging	Ranges	-50° to +2000°F (-50° to +1100°C)
Accuracy	±(1.2% rdg + 3 dgt) at 50Hz to 500 Hz ±(2.0% rdg + 5 dgt) at 500Hz to 1kHz	Ranges	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ	Resolution	1°F (1°C)
Max. Resolution	0.1 mV	Resolution	0.1Ω at 400Ω	Sensor	Type K thermocouple
DC Current	Manual Ranging	Accuracy	400Ω: ±(1.2% rdg + 4 dgt) 4kΩ to 400kΩ: ±(1.0% rdg + 2 dgt) 4MΩ to 40MΩ: ±(2.0% rdg + 4 dgt)	Accuracy	±(1.0% rdg + 4° F) / ±(1.0% rdg + 2° C)
Ranges	400mA, 20A	Dwell	4, 5, 6, 8 Cylinders	Capacitance	Autoranging
Resolution	0.1mA	Resolution	0.1 deg	Ranges	4nF, 40nF, 400nF, 4μF, 40μF
Accuracy	400mA: ±(1.0% + 1 dgt) 20A: ±(1.5% + 1 dgt)	Accuracy	±(2.0% + 5 dgt)	Resolution	1pF
Overload	500mA Fuse for 400mA range	Duty Cycle	0.0 to 90.0%	Accuracy	4nF: ±(2.0% rdg + 20 dgt) 40nF to 40μF: ±(2.0% rdg + 4 dgt) 400μF to 40μF: ±(5.0% rdg + 4 dgt)
Protection	20A Fuse for 20A range	Max. Resolution	0.1%		
AC Current	Manual Ranging	ms Pulse Width	0.1 to 39.9 ms		
Ranges	400mA, 20A	Max. Resolution	0.01 ms		
Resolution	0.1mA, 10mA				
Accuracy	400mA: ±(1.5% + 3 dgt) 20A: ±(2% + 3 dgt)				
Frequency Response	50Hz to 500Hz				

Accessories

Three Year Warranty

SUPPLIED: Type K Thermocouple Temperature Probe, set of Test Probes/with Alligator Clips, set of Standard Test Leads with Removable Backpinning Extension Tips, holster, inductive RPM pick up probe
OPTIONAL: CP-3 DC/AC 400A Current Clamp

Mouser Electronics

Authorized Distributor

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