

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	CONTINUITY CHECK	
Ranges	300mV, 3V, 30V, 300V, 450V	Range	300Ω
Resolutions	100μV, 1mV, 10mV, 100mV, 1V	Buzzer Threshold	< 20Ω
Basic Accuracy	±(1.3%rdg+2dgt)	Overload protection	500V DC+AC Peak
Overvoltage Protection	500V, DC + AC Peak	Battery Drain	No
Input Impedance	10MΩ	Display	3200 count LCD with 32 segment analog bargraph
AC VOLTS	Auto/Manual ranging, average responding, rms reading	Polarity	(-) negative polarity indication
Ranges	3V, 30V, 300V, 450V	Overrange Indication	"OL" displayed
Resolutions	1mV, 10mV, 100mV, 1V	Low Battery Indication	"B" displayed
Accuracy	±(2.3%rdg+5dgt)	Operating Temperature	32° to 104°F (0° to 40°C), <70% RH
Input Impedance	10MΩ	Storage Temperature	-4° tp +140°F (-20° to +60°C)
RESISTANCE	Auto/Manual ranging	Power	Two 1.5V button type batteries NEDA 1166A or equivalent
Ranges	300Ω, 3kΩ, 30kΩ, 300kΩ, 3MΩ, 30MΩ	Battery Life	250 hours
Resolutions	100mΩ, 1Ω, 10Ω, 100Ω, 1kΩ, 10kΩ	Dimensions (HxWxD):	4.4 x 2.2 x 0.4" (112 x 56 x 11 mm)
Basic Accuracy	±(2.0%rdg+3dgt), ±(6%rdg+3dgt) for 3.1MΩ, 10% for 30MΩ	Weight	3 oz. (86 g) with batteries
Open circuit voltage	approx. 1.3VDC		
Overload protection	500V DC + AC Peak		

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

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