

## 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° to +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	
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	1RPM, 10 RPM	
AC Voltage	Autoranging		Accuracy	±(2% + 1 dgt)	
Ranges	400mV, 4V, 40V, 400V, 750V		Resistance	Autoranging	
Accuracy	±(1.2% rdg + 3 dgts) at 50Hz to 500 Hz ±(2.0% rdg + 5 dgts) at 500Hz to 1kHz		Ranges	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ	
Max. Resolution	0.1mV		Resolution	0.1Ω at 400Ω	
DC Current	Manual Ranging		Accuracy	400Ω: ±(1.2% rdg + 4 dgts) 4kΩ to 400kΩ: ±(1.0% rdg + 2 dgts) 4MΩ to 40MΩ: ±(2.0% rdg + 4 dgts)	
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 dgts)	
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 dgts) 20A: ±(2% + 3 dgts)		Max. Resolution	0.01 ms	
Frequency Response	50Hz to 500Hz		Frequency	Autoranging	
			Ranges	100Hz, 1k, 10k, 100k, 400kHz	
			Accuracy	±(0.1% + 4 dgts)	
			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 dgts) 40nF to 40μF: ±(2.0% rdg + 4 dgts) 400μF to 40μF: ±(5.0% rdg + 4 dgts)	

### 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