



Prova 60,000 Count True-rms DMM's to replace Bench-top Instruments.

### Model 801 and Model 803

- 60,000 Counts.
- Dual Input Channels
- Bandwidth 10kHz (max).
- Basic Accuracy 0.04% DC and 0.2% AC.
- Fast AC Volts, and AC amps response.
- Dual Channel Measurement (V+V, V+A).
- Hz + Duty Cycle Dual Display.
- Capacitance Measurement.
- RS-232C Interface.
- Optional Application Software.

### Model 803

- Standalone Data Logging of 10,708 Records for both Channels.

## ■ Specifications (23°C ±5°C)

### AC Voltage (50Hz to 60Hz and 45Hz to 1kHz)

Range (AC Volts)	Resolution	Accuracy (50/60Hz)	Accuracy (45/1kHz)
60.000mV	0.001mV	±0.2% ±40dgts	±0.6% ±40dgts
600.00mV	0.01mV	±0.2% ±40dgts	±0.6% ±40dgts
6.0000V	0.0001V	±0.2% ±40dgts	±0.6% ±40dgts
60.000V	0.001V	±0.2% ±40dgts	±0.6% ±40dgts
600.00V	0.01V	±0.2% ±40dgts	±1.5% ±40dgts
1000.0V (0 to 400V)	0.1V	±0.2% ±40dgts	±4% ±60dgts
1000.0 (400 to 1000V)	0.1V	±0.2% ±40dgts	(45 to 400Hz) ±4% ±60dgts

### AC Voltage (20Hz to 45Hz and 1kHz to 10kHz)

Range (AC Volts)	Accuracy (20/45Hz)	Accuracy (1kHz to 10kHz)
60.000mV	±1.6% ±50dgts	±4% ±40dgts
600.00mV	±1.6% ±50dgts	±2% ±40dgts
6.0000V	±1.6% ±50dgts	±2% ±40dgts
60.000V	±1.6% ±50dgts	±2% ±40dgts
600.00V (0 to 400V)	±1.6% ±50dgts	±5% ±40dgts

600.00V (400 to 600V)	±1.6% ±50dgts	not specified
1000.0 (0 to 400V)	±1.6% ±50dgts	±4% ±80dgts
1000.0 (400 to 1000V)	±1.6% ±50dgts	not specified

### DC Voltage (Input Impedance: 10MΩ)

Range (DC Volts)	Resolution	Accuracy	Overload Protection
60.000mV	0.001mV	±0.2% ±9dgts	DC 1000 Volts
600.00mV	0.01mV	±0.04% ±6dgts	DC 1000 Volts
6.0000V	0.0001V	±0.04% ±6dgts	DC 1000 Volts
60.000V	0.001V	±0.04% ±6dgts	DC 1000 Volts
600.00V	0.01V	±0.04% ±6dgts	DC 1000 Volts
1000.0V	0.1V	±0.08% ±6dgts	DC 1000 Volts

### DC Current

Range	Resolution	Accuracy
600.00μA	0.01μA	±0.4% ±20dgts
6000.0μA	0.1μA	±0.2% ±20dgts
60.000mA	0.001mA	±0.4% ±20dgts
600.00mA	0.01mA	±0.2% ±20dgts
1.0000A	0.0001A	±0.2% ±20dgts
10.000A	0.001A	±0.6% ±20dgts

### AC Current (50Hz to 60Hz and 45Hz to 1kHz)

Range (AC Amps)	Resolution	Accuracy (50/60Hz)	Accuracy (45/1kHz)
600.00μA	0.01μA	±0.6% ±40dgts	±0.8% ±40dgts
6000.0μA	0.1μA	±0.6% ±40dgts	±0.8% ±40dgts
60.000mA	0.001mA	±0.6% ±40dgts	±0.8% ±40dgts
600.00mA	0.01mA	±0.6% ±40dgts	±0.8% ±40dgts
1.0000A	0.0001A	±0.6% ±40dgts	±0.8% ±40dgts
10.000A	0.001A	±0.9% ±40dgts	±0.9% ±40dgts

### AC Current (20Hz to 45Hz and 1kHz to 10kHz)

Range (AC Amps)	Accuracy (20/45Hz)	Accuracy (1kHz to 10kHz)
600.00μA	±2% ±20dgts	±4% ±20dgts
6000.0μA	±2% ±20dgts	±4% ±20dgts
60.000mA	±2% ±20dgts	±0.9% ±20dgts
600.00mA	±2% ±20dgts	±0.9% ±20dgts
1.0000A	±2% ±20dgts	±2.5% ±20dgts
10.000A	±3.9% ±20dgts	±2.5% ±20dgts