



CAT III 600V

TBM807

- Electrician's
- Beep guard
- Data hold
- Frequency
- Min/Max
- Relative zero
- Capacitance

Technical Overview

Feature	Parameter	Accuracy
DC Voltage (V)	400mV, 4, 40, 400, 1000V	±1.0% + 4 Digit
AC Voltage (V)	400mV, 4, 40, 400, 1000V	4 -400V ±1.5% + 5 Digit, 1000V ±4.0% + 5 Digit
DC Current (A)	400μ, 4000μ, 40mA, 400mA, 4.10A	±1.2% + 3 Digit
AC Current (A)	400μ, 4000μ, 40mA, 400mA, 4.10A	±1.8% + 4 Digit
Resistance (Ω)	400, 4k, 40k, 400k, 4M, 40MΩ	±2.0% + 4 Digit
Temperature (°C)	-20°C to 300°C	±2.0% + 3°C
Capacitance (F)	500nF, 5μ, 50μ, 500μ, 3000μF	±3.5% + 6 Digit
Frequency (Hz)	50, 500, 5k, 50k, 500k, 1MHz	±0.5% + 4 Digit
Counts	3 -3/4 Digits	4000 Counts

Model Specification

Power Source	2 x 1.5V AAA Batteries
Standard Accessories	Temp Probe TBMTEMPPROBE
Certificates	UL, IEC61010-1. Certificate of Conformance



CAT IV 1000V

TBM869

- Probe input warning
- Crest mode
- Duty cycle
- Dual display

Technical Overview

Feature	Parameter	Accuracy
DC Voltage (V)	500mV, 5, 50, 500, 1000V	0.02% + 2 Digit
AC Voltage (V)	500mV, 5, 50, 500, 1000V	1.2% + 40 Digit (20Hz-45Hz)
DC Current (A)	500μ, 5000μ, 50mA, 500mA, 5.10A	0.15% + 20 Digit (0.5% + 50 Digit att 500μA)
AC Current (A)	500μ, 5000μ, 50mA, 500mA, 5.10A	0.5% + 50 Digit
Resistance (Ω)	500, 5k, 50k, 500k, 5M, 50MΩ	0.07% + 10 Digit
Temperature (°C)	-50°C to 1000°C	0.3% + 1.5°C
Capacitance (F)	50nF, 500nF, 5μ, 500μ, 25mF	0.8% + 3 Digit
Frequency (Hz)	10Hz to 3kHz	0.002% + 4 Digit
Line Logic	5Hz to 1MHz	0.002% + 4 Digit
Counts	5 -4/5 Digits	500000 Counts

Model Specification

Power Source	1 x 9V Battery
Standard Accessories	Temp Probe TBMTEMPPROBE
Optional Accessories	USB Cable and Software TBU86X (P14)
Certificates	UL, IEC61010-1. Certificate of Conformance



CAT III 600V

TBM252

- USB Interface
- Non-contact EF detection
- Separate battery compartment

Technical Overview

Feature	Parameter	Accuracy
DC Voltage (V)	60mV, 600mV, 6, 60, 600, 1000V	±0.2% + 3 Digit
AC Voltage (V)	60mV, 600mV, 6, 60, 600, 1000V	±0.2% + 3 Digit
DC Current (A)	600μ, 6 000μ, 60mA, 600mA, 6.8A	±0.5% + 3 Digit
AC Current (A)	600μ, 6 000μ, 60mA, 600mA, 6.8A	±1.0% + 3 Digit
Resistance (Ω)	600, 6k, 60k, 600k, 6M, 60MΩ	±1.2% + 4 Digit
Temperature (°C)	-50°C to 1 000°C	
Capacitance (F)	60n, 600n, 6μ, 60μ, 600μ, 3000μF	±2.0% + 5 Digit
Frequency (Hz)	5Hz - 1MHz	±0.003% + 2 Digit
Auto Check		1V - 1000V AC/DC
Counts	3 -5/6 Digits	6 000 Counts

Model Specification

Power Source	1.5V AAA Battery
Standard Accessories	Temp Probe TBMTEMPPROBE
Optional Accessories	USB Cable and Software TBU20X (P14), USB Adaptor (P14),
Certificates	UL, IEC61010-1. Certificate of Conformance