

TBM805 General Purpose DMM

- Splash proof
- Beep guard
- Rugged construction
- Diode
- Continuity
- Data hold
- Min/max
- Relative zero



Technical Specification

AC/DC Voltage	400m,4,40,400,1000V
AC/DC Current	400μ,4000μ,40m,400m,4,10A
Resistance	400,4K,40K,400K,4M,40MΩ
Frequency	50,500,5K,50K,500K,1MHz
Capacitance	500n,5μ,50μ,500μ,3000μF
Accuracy	
DC Voltage	±1,0%+4 Digit
AC Voltage	4 -400V ±1,5% + 5 Digit 1000V ± 4,0% + 5 Digit
DC Current	±1,2% + 3 Digit
AC Current	±1,8% + 4 Digit
Resistance	±2,0% + 4 Digit
Frequency	±0,5% + 4 Digit
Capacitance	±3,5% + 6 Digit
Protection	
AC/DC Voltage	1050Vrms,1450V Peak
AC/DC Current	0,5A/250V FUSED 15A/250V FUSED
Resistance	600V DC/AC RMS
Input Warning	✓
Transient	6.5KV LIGHTNING SURGE
Protection	(1.2/50 μs) FUSE

Model Specification

Dimensions (mm)	198(L) x 97(W) x 55(H)
Power Source	2 x 1.5V AAA Batteries
Weight	396g

TBM807 Electricians DMM (True RMS)

- Temperature
- Splash proof
- Beep guard
- Diode
- Continuity
- Data hold
- Min/max
- Relative zero
- Back-lighted display



Technical Specification

AC/DC Voltage	400m,4,40,400,1000V
AC/DC Current	400μ,4000μ,40m,400m,4,10A
Resistance	400,4K,40K,400K,4M,40MΩ
Frequency	50,500,5K,50K,500K,1MHz
Temperature	-20°C to 300°C
Capacitance	500n,5μ,50μ,500μ,3000μF
Accuracy	
DC Voltage	±1,0%+4 Digit
AC Voltage	4 -400V ±1,5% + 5 Digit 1000V ±4,0% + 5 Digit
DC Current	±1,2% + 3 Digit
AC Current	±1,8% + 4 Digit
Resistance	±2,0% + 4 Digit
Frequency	±0,5% + 4 Digit
Temperature	±2,0% + 3°C
Capacitance	±3,5% + 6 Digit
Protection	
AC/DC Voltage	1050Vrms,1450V PEAK
AC/DC Current	0,5 A/250V FUSED 15A /250V FUSED
Resistance	600V DC/AC RMS
Input Warning	✓
Transient	6.5KV LIGHTNING SURGE
Protection	(1.2/50 μs)

Model Specification

Accessories	Temp Probe
Dimensions (mm)	198(L) x 97(W) x 55(H)
Power Source	2 x 1.5V AAA Batteries
Weight	396g

TBM685 Auto Check DMM

- CAT IV 1000V
- EMF detection
- Auto power off
- Overmould
- Data hold
- Continuity
- Diode
- Separate battery compartment



Technical Specification

AC/DC Voltage	6000m,6,60,600,1000v
Resistance	6K, 60K, 600K, 6M
Capacitance	100n, 1000n, 10μ, 100μ, 2000μF
Accuracy	
DC Voltage	6000mV 0,8% + 2 Digit 1000V 1,5% + 8 Digit
AC Voltage	6000mV 1,5% + 3 Digit 1000V 2,8% + 8 Digit
Resistance	6kΩ 0,9% + 4 Digit 6MΩ 12, % + 4 Digit
Protection	
Transient	12kV LIGHTNING SURGE
Protection	(1.2/50 μs)

Auto check - automatically selects measurement function of DCV, ACV or resistance based on input via the test leads

Model Specification

Dimensions (mm)	173(L) x 83(W) x 48(H)
Power Source	9V Battery
Weight	300g

TBM525 Data Logger (True RMS)

- Datalogger, 87 000 Points single display mode
- Datalogger, 43 000 Points dual display mode
- Backlight
- 1000V AC/DC
- USB Interface
- Beep guard
- Auto check
- EF detection
- Temperature



Technical Specification

AC/DC Voltage	60m,600m,6,600,1000V
AC/DC Current	600μ,6000μ,60m,600m, 6,10A
Resistance	0.1Ω - 60MΩ
Frequency	5Hz to 1MHz
Capacitance	60n,600n,6μ,60μ,600μ,25mF
Temperature	-50°C to 1000°C
Accuracy	
AC/DC Voltage	0.08% + 2 Digit
AC/DC Current	0.8% + 6 Digit
Resistance	0.8% + 10 Digit
Frequency	0.004% + 4 Digit
Capacitance	5.0% + 5 Digit
Temperature	0.3% + 2°C
Protection	
DC/AC Voltage	1050Vrms,1450V PEAK
AC/DC Current	0.44A/1000V AC Fuse 11A 1000V AC Fuse (IR 20kA)
Resistance	1.2V DC OPEN CIRCUIT
Input Warning	✓
Transient	12KV SURGE
Protection	(1.2/50 μs) SURGE

Model Specification

Accessories	Temp Probe
Optional Accessories	USB Cable & Software (TBUS2X) See PG 6 for USB Adaptor Magnetic Hanger (TBMH01) See Pg 5
Dimensions (mm)	198(L) x 97(W) x 55(H)
Power Source	9V Battery
Weight	430g