

Digital Multimeter

TBM239R



Technical Overview

Feature	Parameter	Accuracy
DC Voltage (V)	60mV, 600mV, 6000V, 60V, 600V, 1000V	0.03% + 2 Digit
AC Voltage (V)	6V, 60V, 600V, 1000V	0.7% + 3 Digit
DC Current (A)	200μA, 2000μA, 6A, 10A	0.7% + 3 Digit
AC Current (A)	200μA, 2000μA, 6A, 10A	1.0% + 3 Digit
Resistance (Ω)	600Ω - 60MΩ	0.3% + 2 Digit
Temperature (°C)	-40°C to 400°C	1.0% + 1°C
Capacitance (F)	2000nF, 20μF, 200μF, 2000μF	1.5% + 2 Digit
Frequency (Hz)	100Hz - 50KHz	0.03% + 2 Digit
Display	3-5/6 Digits	6 000 Counts
VDF ACV	10Hz - 440Hz, 600V, 1000V	2.0% + 3 Digit

Model Specification

Power Source	2 x 1.5V AAA Batteries
Optional Accessories	Magnetic Hanger TBMH01
Certificates	EN6101-1/2-2-030/-2-033



CAT IV 300V



The TBM239R is a True RMS Electrical DMM & 3Φ phase rotation meter. Ideal for the electrician who works in industrial environments and where maintenance work is done on 3Φ phase motors and supply systems. The ergonomic and streamlined design allows one-hand operate. High speed sampling: LCD (5 x/s) and bargraph (40 x/s) displayed clear and large on a paper white backlit LCD.

(M) & (R) 3-Phase Rotation function

Hi-sensitivity mode (M)

Voltage range: 0.4V ~ 1000V

Frequency range: 3Hz ~ 400Hz

Normal-sensitivity mode (R)

Voltage range: 65V ~ 1000V

Frequency range: 35Hz ~ 400Hz

Features

- Phase rotation
- Auto and manual ranging
- 5/sec fast nominal update rate
- Min/Max
- Probe input warning
- LCD backlight display
- AutoV LoZ - automatic selection of LoZ
- Non-contact EF detection
- VFD V Hz
- Hz of line level voltage
- High Impedance Voltage
- Transient Protection
- Relative zero
- Non-contact(NCV) & single-probe voltage detection for identifying live lines