

Single Phase Multifunctional Analyzer



Model: TMCB014M

Display Parameters & Range

Voltage	25.0V – 300.0Vac
Current	0.1A to 6.00A (CT Ratio Programmable)
Frequency	45.00Hz – 60.00Hz
Power Factor	0.20 Lag – Unity – 0.20 Lead
Wattage	As per above V & I range (0.0W – 999.9W – 9000W)
VA	As per above V & I range (0.0VA–999.9VA–9000VA)

Features	True RMS Measurement One Line 4 digits Display Direct current range up to 6A and CT Ratio Programmable through key Auto scrolling & Manual mode selectable Bright Seven segment LED display for better readability
----------	---

Accuracy : Class 1.0

Display : One Line Seven Segment display, Size 0.56"

CT Selection : Programmable through Key

Connection : 1 phase, 2 wire

Aux. Supply : 170V – 270Vac, 50Hz

Dimension : 96mm(H) x 96mm(W) x 66mm(D)

Operation Manual :

- To change the CT primary current, continuously press  key for 10 seconds. The meter will display CT primary current. (The factory setting value for CTR is 0005 (i.e. 5/5)). Keep pressing the  key incrementally to increment CT Primary current from 0005 to 5000 Once the desired value is reached, press & hold key for  6 seconds to store the value.

Following CT Primary values are selectable:

5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 120, 150, 200, 250, 300, 400, 500, 600, 630, 700, 800, 900, 1000, 1200, 1250, 1500, 1600, 1800, 2000, 2500, 3000, 3500, 4000 and 5000.

- To select Manual Mode (factory set) or Auto Mode . Continuously press  key for 20 seconds. The display will show MANU press again the display will show auto. Save the desired scrolling mode by press  key for 6 seconds. Meter will save the mode and then re-start.
- In Manual Mode, repeatedly press  key till the required parameter is displayed.
- In Auto mode, each parameter will display one by one for 10 seconds in cycle.