

AC/DC Clamp Meter

MODEL: Prova CM-02

Features

- DC/AC 0.01A Resolution
- 23mm Jaw Diameter
- Temperature and Capacitance
- Autorange V Ω /Hz °C °F -| -
- AC/DC 0.01A-200A
- One Touch Zero
- 3-3/4 Digits (4000 Counts)
- Max/Min/Hold/Relative



#135-Prova-CM-02

IEC 1010 CAT. II 600V

General Specification:

Conductor Size: 23mm Diameter

Battery: 1.5V AA UM3 battery x 2

Display: 3-3/4 Digits (4000 Counts)

Range Selection: Auto and Manual

Power Consumption: 10mA (Approx.)

Sampling Time: 2 Times/Sec. (Digital), 20 Times/Sec. (Bar-Graph)

Operating Temperature: 0 to 50°C (32 to 122°F)

Operating Humidity: Less than 85% RH

Dimension: 183mm(L) x 63.6mm(W) x 35.6mm(H)
7.2"(L) x 2.5"(W) x 1.4"(H)

Weight: 190g (Batteries included)

Electrical Specification (23°C \pm 5°C)

DC Current:

Range: 40A/0-150A/150-200A

Resolution: 10mA/0.1A

Accuracy: $\pm 1.5\% \pm 2$ dgts/ $\pm 1.5\% \pm 3$ dgts

Overload Protection: 400A

AC Current:

Range: 40A/0-150A/150-200A

Resolution: 10mA/0.1A

Accuracy: $\pm 1.5\% \pm 3$ dgts/

$\pm 2.0\% \pm 3$ dgts (50/60Hz)

$\pm 2.5\% \pm 3$ dgts/ $\pm 3.0\% \pm 3$ dgts (40-1KHz)

Overload Protection: 400A

DC Voltage (Autorange & Manual, Overload Protection 800VAC):

Range: 400mV/4V/40V/400V/600V

Resolution: 0.1mV/0.001V/0.01V/0.1V/1V

Accuracy: $\pm 1.5\% \pm 3$ dgts

Overload Protection: 10M Ω /5M Ω

AC Voltage (Autorange & Manual, Input Impedance 5M Ω)

Range: 4V/40V/400V/600V

Resolution: 0.001V/0.01V/0.1V/1V

Accuracy: $\pm 1.5\% \pm 5$ dgts

Overload Protection: 800VAC

Frequency (Hz, Autorange & Sensitivity selected by RANGE button):

Range: 100~1000KHz
Resolution: 0.01~100Hz
Accuracy: $\pm 0.5\% \pm 2$ dgts
Sensitivity: 10mV/0.1V/1V
Overload Protection: 600VAC

Resistance (Ω) & Audible Continuity (Open Circuit Voltage 0.5V):

Range: 40~400 Ω
Resolution: 0.1 Ω
Accuracy: $\pm 1.0\% \pm 5$ dgts
Beeper: 40 Ω (approx.)
Overload Protection: 600VAC

Resistance (Ω) (Autorange & Manual, Open Circuit Voltage $\leq 0.5V$):

Range: 400 Ω /4K Ω /40K Ω /400K Ω /4M Ω /40M Ω
Resolution: 0.1 Ω /1 Ω /10 Ω /100 Ω /1K Ω /10K Ω
Accuracy: $\pm 1.5\% \pm 3$ dgts
Overload Protection: 600VAC

Capacitance (Autorange & Manual):

Range: 4nF/40nF/400nF/4uF/40uF
Resolution: 1pF/10pF/0.1nF/1nF/10nF
Accuracy: $\pm 5.0\% \pm 0.2nF/\pm 3.0\% \pm 0.2nF/ \pm 3.0\% \pm 0.002uF$
Overload Protection: 600VAC

TEMP K TYPE $^{\circ}C$ (Autorange & Manual, $^{\circ}F$ optional):

Range: -40~0 $^{\circ}C$ /0~400 $^{\circ}C$ /400~1000 $^{\circ}C$
Resolution: 0.1 $^{\circ}C$ /1 $^{\circ}C$
Accuracy: $\pm 2.0\% \pm 2^{\circ}C/\pm 0.5\% \pm 1^{\circ}C$
Sensitivity: $\pm 0.8\% \pm 1^{\circ}C$
Overload Protection: 600VAC/600V

Kit Includes:

Adapter (for K-type Thermocouple and Capacitor) x 1, K-type Thermocouple x 1, Carrying Bag x 1, Users manual x 1, 1.5V Battery x 2