

■ Prova Model AFLEX-3002

■ Features

Flexible probe, different from normal clamp meters, can pass through obstacles at will and wind many conducting wires simultaneously, maximum diameter 170mm.



- AC Current 3000A True RMS 50/60Hz.
- AC Voltage 600V True RMS.
- Fast Peak Function.
- Max/Min.
- Auto-Power Off: after 30 minutes.

■ Specifications (23°C ±5°C)

AC Current 50/60Hz, Auto Range, True RMS, Crest Factor <4, CT=1, Conductor is located at the centre of flexible loop. Position sensitivity is 2% of range. External field effect of <40A/m and 200mm from the coupling is 1% of range. Temperature coefficient is 0.02% of reading/°C)

Range	Resolution	Accuracy of Readings ¹
0 to 300.0A	0.1A	±1% of range
300.0 to 999.9A	0.1A	±1% of range
1000 to 3000A	1A	±1% of range

Note¹: For CT=1, the accuracy in percentage is the same (±0.5%). But the additional digits should be multiplied by the CT ratio. For example, ±5 digits becomes ±5 digits times CT ratio.

AC Voltage 50/60Hz, Auto Range, True RMS, Crest Factor <4, Input Impedance 10MΩ, Overload Protection 800V AC.

Range	Resolution	Accuracy of Readings ¹
4.0V to 600.0V	0.1V	±0.5% ±5 digits

Frequency (RMS value) or ACA (RMS value > 30A)

Range	Resolution	Accuracy of Readings ¹
45Hz to 65Hz	0.1Hz	±0.2Hz

■ General Specifications

Probe Length: AFLEX 3002-24	24 inches (610mm)
Minimum Bending Diameter	35mm
Probe Connector Diameter	23mm
Cable Probe Diameter	14mm
Cable Length from Probe to Instrument	170mm
Instrument Dimensions	130mm (L) x 80mm (W) x 43mm (H)
Battery	Two 1.5V SUM-3
Display	LCD 4 + 4 digits
Range Selection	Auto
Temperature (Operating)	-10°C to 85°C
Humidity (Operating)	15% to 85% RH
Altitude	2000 Meters
Weight	430g (battery included)