

# DIGITAL MICRO-OHMMETER



**AMBER M-2K**

## Features

- Compact, light and portable Digital Micro-Ohmmeter
- Direct Digital Reading of resistance in Milliohm and Ohm
- Simple and easy four terminal connections to the sample
- High Accuracy
- Six Ranges from  $1\mu\Omega$  to  $2K\Omega$
- Measurement of grounded and ungrounded specimens
- An ideal low cost test set for inductive load measurement

## Description

AMBER M-2K is a compact, robust and truly portable digital Micro-Ohmmeter used for the measurement of low to very low resistance. AMBER M-2K is specially designed with customer in mind.

AMBER M-2K uses true four terminal measurement method. This eliminates error caused due to lead lengths. AMBER M-2K is a direct resistance reading instrument for resistive load and inductive load with simple and accurate measurements.

A constant current source is applied to the unknown resistance and the voltage drop across the unknown is Amplified / Ranged and displayed directly on a four and half digit LED D.P.M.

## Applications

- Quick and reliable measurement of low resistance.
- Low resistance measurements on buss-bars, contactors, circuit breakers and welded joints.
- An ideal instrument for inductive load measurements.

## Specification

Six Ranges	: 1999.9m $\Omega$ , 199.99m $\Omega$ , 19.999m $\Omega$ 1999.9 $\Omega$ , 199.99 $\Omega$ , 19.999 $\Omega$
Accuracy	: $\pm 0.5\%$ of the reading $\pm 0.25\%$ of the F.S
Resolution	: $1\mu\Omega$ resolution
Display	: Resistance reading on $4\frac{1}{2}$ digit LED D.P.M Milli Ohm, Ohm indicator lamps
Power	: 230V $\pm 10\%$ , 50Hz, 30VA
Temperature	: $0^\circ - 50^\circ \text{C}$
Dimensions	: 10"x11"x5" (LxWxH)
Weight	: 4Kgs (approx)

Specifications may change without notice due to continuous development.

**An ISO 9001 : 2015 Certified Company**

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