



Megabras MD-1035e TECHNICAL SPECIFICATIONS

Test voltages (T.V.)

100, 250, 500, 1000 V directly, one button selectable. 100 V to 1 kV in 50 V steps. DC, negative.

Maximum resistance reading

1 T Ω

Short circuit current

1,5 \pm 0,5 mA

Test voltages accuracy

\pm 3% of nominal test voltages on R \geq 10 G Ω

Megohmmeter basic accuracy

\pm 5% of reading \pm 3 digits
(1 M Ω to 500 G Ω at any test voltage)

Advanced features

Automated Polarization Index computing
Automated Dielectric Absorption Ratio computing

Built-in printer

Prints elapsed time, actual voltage and resistance measured each 5 seconds (offered as an optional feature in MD-1035e).

Serial data output

RS-232 @ 4800 bps. Suitable for data collection in an external serial printer, computer or data-logger.

Built-in chronometer

Shows elapsed time in mm:ss format. Count starts automatically for each measurement.

Environmental protection

IP54 with closed lid.

Safety class

Meets the requirements of IEC 61010-1/1990, IEC 61010 1/1992 amendment 2

E.M.C

In accordance with IEC 61326-1

Electrostatic immunity

In accordance with IEC 1000-4-2

Electro magnetic irradiation immunity

In accordance with IEC 61000-4-3

Power supply

Internal rechargeable 12 V - 2,3 Ah battery

Battery charger

For 110-127 or 220-240 V \sim mains

Operating temperature range

-5 $^{\circ}$ C to 50 $^{\circ}$ C

Storage temperature range

-25 $^{\circ}$ C to 65 $^{\circ}$ C

Altitude

Up to 3000m

Humidity range

95% RH (non condensing)

Weight

Approx. 4kg

Dimensions

274 x 250 x 124 mm

Included accessories

- Measuring test leads, 1,80 m. (2)
- GUARD test lead, 1,80 m.
- Charger power cord.
- Operating instructions

CE mark