



CE

The Model 3131A offers unmatched performance, and feature including test lead resistance zero adjustment for time-saving continuous operation, a clear ease to read illuminated scale, and a live circuit warning.

- Test insulation up to 100M Ω at 250V, 200M Ω at 500V, 400M Ω at 1000V and continuity up to 20 Ω .
- LIVE circuit warning lamp plus audible warning.
- Automatic discharge of circuit capacitance when TEST button is released.
- Fuse protected (continuity range only).
- Battery check LED.
- Front panel zero adjust.
- Back light function to facilitate working at dimly lit situations.
- PRESS TO TEST button with lock down feature.



Insulation Resistance

Test voltage	250V/500V/1000V
Measuring ranges
(Mid-scale value)	100MΩ/200MΩ/400MΩ (1MΩ) / (2MΩ) / (4MΩ)
Output voltage on open circuit	Rated test voltage+20%, -0%
Nominal current	1mA DC min.
Output short circuit current	1.3 mA DC approx.
Accuracy	0.1 - 10MΩ/0.2 - 20MΩ/0.4 - 40MΩ (Accuracy Guaranteed Ranges) \pm5% of indicated value

Continuity

Measuring ranges
(Mid-scale value)	2Ω/20Ω (1Ω)/(10Ω)
Output voltage on open circuit	4 - 9V DC
Measuring current	200mA DC min

Accuracy $\pm 3\%$ of scale length

General

Safety Standard IEC 61010-1 CAT III 300V Pollution Degree 2
IEC 61010-2-031
IEC 61557-1/2/4

IP Rating IEC 60529-IP54

EMC Standard IEC 61326-1

Power source R6 (AA) (1.5V) \times 6

Dimensions 167(L) \times 185(W) \times 89(D)mm

Weight 860g approx.

Included Accessories 7122B (Test leads) Pouch for test leads
8923 (F500mA/600V fuse) \times 2
R6 (AA) \times 6
9121 (Shoulder Strap)
Instruction Manual