

Digital Insulation Tester



1852 IN-A

SPECIFICATIONS

Insulation Resistance

Test voltage (DC V)	250V / 500V / 1000V
Measuring ranges (Auto ranging)	0-20MΩ / 0-200MΩ / 0-2000MΩ
Accuracy	0-20MΩ : $\pm(1.5\%rdg+5dgt)$ 0-200MΩ : $\pm(2.5\%rdg+3dgt)$ 0-2000MΩ : $\pm(5\%rdg+5dgt)$
Output voltage on open circuit	Rated test Voltage +10%
Output current	1mA DC
Power consumption	250mA

Continuity

Measuring ranges	0-20Ω / 0-200Ω / 0-2000Ω
Accuracy	$\pm(1.5\%rdg+3dgt)$
Resolution	0.01Ω / 0.1Ω / 1Ω
Buzzer sound below	under 10Ω
Open circuit terminal voltage	4V DC min.
Short circuit terminal current	200mA DC min.
Power consumption	Max. consumption current approximately 300mA

AC Voltage

Range	0-600V AC
Resolution	1V
Accuracy	$\pm(1.5\%rdg+3dgt)$
Line frequency range	40-120 Hz

General

Display	3½ digit (2000 counts)
Dimensions (with housing front cover)	170(L) × 165(W) × 92(D)mm
Weight (battery included)	Approx. 1016g
Power source	1.5V (AA) × 8
Safety standard	EN IEC 61010-1 CAT III 600V EN IEC 61326-1
Accessories	Instruction manual Test leads Shoulder belt Batteries

FEATURES

- 3½ Digit Insulation Tester
- 68mm x 34mm large LCD display
- Three insulation test voltages :
250V, 500V, 1000VDC
- External voltage warning indication
- Automatic circuit discharge
- Test insulation at rated voltage into
a 1 mA load
- 200 mA continuity short circuit test
current
- AC voltage measurement
- Fuse protection
- Timer for test function (count 3~5
minutes)
- Data hold function
- Auto power off function
- BS 16th edition

