



Carry Bag



Resistance Verification Plate

4680BL, 4680BLC

The faults in any Electrical System are unavoidable. Earthing plays an important role in Generation, Transmission & Distribution for safe and proper operation of any Electrical Installation. **MECO 4680BL/4680BLC Clamp-On Earth / Ground Resistance Tester** has long elliptical jaw suitable for flat as well as round earthing strips. It completely eliminates the use of ground and auxiliary rods thus saving lot of time and avoiding shutdown. Calibration check can be verified by using the Resistance Verification Plate provided. This is an extremely handy instrument especially at place where it is next to impossible to measure Earth / Ground Resistance by conventional methods. Substantial time saving and easy operating justify the investment in these instruments.

Features

- Non Contact Ground Resistance Measurement
- No Auxillary Electrodes Needed
- Data Storing Memory
- Data Hold, Noise Signal
- Ground Resistance Measurement 0.01Ω ~1000Ω
- Suitable for Earthing Strip upto 65mm
- Suitable for Round Conductor upto 25mm Φ
- Leakage Current (0.5mA~30.00A) (Model 4680BLC)
- Auto Ranging
- Continuity Loop Test
- Auto Power Off

General Specifications

Jaw	: 65 x 32 mm (approx.)
Conductor Size	: Upto 65 mm / 25 mm Φ
Power	: Four 1.5V "AA" Battery
Display	: 4 Digit 9999 counts LCD Back Light Display
Range Selection	: Auto
Memory	: 99 Sets
Overload Indication	: OL
Low Battery Indication	:
Operating Environment	: -10°C ~ 55°C
Dimensions	: 293 x 90 x 66 mm
Weight	: 1250 gms Including Battery (approx)
Accessories	: Resistance Verification Plate x 1, Battery 1.5V (AA) x 4 (Installed), User Manual x 1, Carry Bag x 1
Configurable Alarm	: Resistance : 1~199Ω Current : 1~499mA

Electrical Specifications (23°C ± 5°C)

Ground Resistance (Auto Range) (4680BL, 4680BLC)		
Range	Resolution	Accuracy of Reading
0.010 ~ 0.099 Ω	0.001 Ω	± (1%+0.01 Ω)
0.10 ~ 0.99 Ω	0.01 Ω	± (1%+0.01 Ω)
1.0 ~ 49.9 Ω	0.1 Ω	± (1.5%+0.1 Ω)
50.0 ~ 99.5 Ω	0.5 Ω	± (2%+0.5 Ω)
100 ~ 199 Ω	1 Ω	± (3%+1 Ω)
200 ~ 395 Ω	5 Ω	± (6%+5 Ω)
400 ~ 590 Ω	10 Ω	± (10%+10 Ω)
600 ~ 1000 Ω	20 Ω	± (20%+20 Ω)

Ground & Leakage Current : Auto Ranging, 45/65Hz, RMS (4680BLC)		
Range	Resolution	Accuracy of Reading
0 ~ 80 mA	0.05 mA	± (2.5%+1 mA)
80 mA ~ 650 mA	0.5 mA	± (2.5%+2 mA)
650 mA ~ 4 A	5 mA	± (2.5%+10 mA)
4 A ~ 30 A	10 mA	± (2.5%+20 mA)