

Solarmex 1000

Solar Test Instrument to measure grid connected photovoltaic systems according EN 62446:2009

- Polarity +/- (correct connection of solar plugs)
- Voltage Measurement U_0 0...1000V DC (open circuit voltage)
- Current Measurement I_{SC} 0...20A DC (short circuit current)
- Insulation Measurement R_{ISO} 250V / 500V / 1000V DC (Insulation between i.e. cable and module frame)
- Threshold Value indication R_{ISO} 0.5 M Ω and 1 M Ω
- Earth Fault Test
- Low Ohm Measurement of earth connection with 200mA
- Power Measurement P (optional with DC Current Clamp Adapter)
- Temperature Measurement T (optional with Temperature Sensor)
- LC Display with backlight
- Interface for optional sensors

Scope of Supply:

- Solarmex 1000
- Carrying Case
- Safety Test Lead 4mm/4mm red
- Safety Test Lead 4mm/4mm blue
- Safety Test Lead 4mm/4mm yellow
- Safety Croc Clamp 4mm
- Safety Test Probe 4mm
- 2 pc Adaptors to Solar Plug MC 4
- 2 pc Adaptors to Solar Plug MC4 / MC3
- 4 pc Batteries 1.5V, AA, LR6
- Manual



Technical Data:

Display	Digital Display, Backlight
Voltage	0...1000V DC
Current (direct)	0...20A DC
Insulation Measurement	250V / 500V / 1000V DC
Range	0...20M Ω
Earth Fault Measurement	0...1000V DC
Current	0...160A DC optional with Current Clamp Adaptor
Temperature	-55°C...127°C optional with Temp sensor
Low Voltage Directive	2006/95/EG (EN 61010-1, 61557-2)
EMC	2004/108/EG (EN 61326-1, A1)
Measurement Category	CAT I / 1000V
Power Supply	4 x 1.5V IEC LR6, AA
Dimension	approx. 209 x 98 x 35 mm
Weight	approx. 500 g

