

Dranetz USA

Products For Safety Testing & Measurement

Utility Service Testing



Dranetz USA is a subsidiary and distributor of Gossen Metrawatt and Gossen Foto instruments.

 **GOSSEN METRAWATT**
Safety through Competence

Dranetz USA

Products For Safety Testing & Measurement

Electrical Safety Insulation Resistance

METRAHIT ISO

Features:

- 4 $\frac{3}{4}$ Place TRMS Digital Multimeter
- Insulation measurements to 30G Ω
- Test voltages from 50-1000V
- Complete DMM functions:
V/I/R/C/F/Hz/Temp/Diode
- Large Backlit LCD Display
- Integrated Memory & IrDa Interface
- Battery Operated
- Patented Safety Blocking Sockets



METRAHIT ISO — M246B

METRISO G500/G1000/G1000+



Features:

- Resistance measurement up to 200G Ω
- Variable test range from 50V-1000V
- 600V/1000V AC/DC TRMS Meter
- Battery Operated
- Backlit LCD readout
- Easy to use Automatic testing
- Timer for PI & DAR testing*
- Integrated memory for test reporting
- Includes PC Software

M550D
G500

M550C
G1000

M550B
G1000+

*Only available in G1000+

Quality German Engineering

METRISO 5000D-PI



Features:

- Resistance measurement up to 1T Ω
- Variable test range from 100V-5000V
- DMM functions for V, I, R, Hz, C
- Integrated timer for PI and DAR testing
- Automatic discharge of capacitive circuits
- Store up to 1600 measurements
- Backlit LCD readout

MetrISO 5000D-PI — M5810

METRISO 5000A



Features:

- Resistance measurement up to 1T Ω
 - Variable wide test range from 100V-5000V
 - DMM functions for Voltage and Resistance
 - Automatic discharge of capacitive circuits
 - Large display analog readout
 - Hand crank option
- MetrISO 5000AK - Hand crank model

METRISO 5000A — M580A

METRISO 5000AK — M580C

Dranetz USA

Products For Safety Testing & Measurement

Electrical Safety Earth/Soil Resistivity

GEOHM C



Application:

Compact, handy, easy to use menu driven earth/soil resistivity test instrument for 3 and 4 pole connections. Continuously monitor for interference voltage and earth electrode resistance.

Features:

- Variable test range from 10-250V
- Frequency measurement from 45-200Hz
- Graphical Backlit LCD Display
- Auto Self Test and Integrated Help Screens
- LED alarm and error indicator
- Integrated memory and IrDa interface
- Battery operated (AC charger available)

GEOHM C — M590A
Cable and probe test kits available.

Application:

Universal test instrument for measuring loop and line impedance, insulation resistance, earth/soil resistivity, low resistance ground bond, plus most metering functions.

Features:

- 65-500V, 16-400Hz Measurement Range
- 2,3, or 4 Pole Earth Measurement
- Battery or AC Line operated
- Graphical User Interface
- Memory for 50,000 Tests
- RS232, USB, Bluetooth*
- Universal test socket
- 4 Models to choose from

M520M	M520N	M520O	M520P
M _{BASE}	M _{PRO}	M _{TECH}	M _{XTRA}

* Bluetooth only available in M520P

PROFITEST MASTER



Quality German Engineering

Dranetz USA

Products For Safety Testing & Measurement

Luminance Metering

MAVO-SPOT 2.0 USB Spotmeter



Application:

MAVO-SPOT 2.0 is used for:

- Planning, installation, testing and monitoring of lighting systems
- Adhering to environmental and safety lighting standards
- Emergency and Safety lighting
- Lighting for bridges, tunnels, roadways, and parking areas
- Sports facilities, parks, and construction areas
- Lighting effects of commercial and industrial impacts

Features:

- Compact design with simple one hand operation
- SLR viewfinder with superior 1° accuracy
- Measure distances of 1m to Infinite
- Measurement values in Lux (lx) or Footcandles (fc)
- Store up to 1000 single measurements, or groups of 10
- Backlit LCD readout in viewfinder
- USB 2.0 Interface with GLUX2 Software
- Rugged aluminum travel case and USB cable included
- Optional telephoto lenses

MAVO-SPOT2 — M508G

GOSSEN

Solar PV Testing

Application:

Testing Photovoltaic panels, strings and arrays requires complex instantaneous reliable measurements. The Gossen Metrawatt and Dranetz PV test instruments are designed to give users all of the answers to accurately troubleshoot and verify PV installations.



PROFITEST PVSun Safety Tester

Features:

- Voltage Measurement 0-1000V
- Current Measurement 0-20A
- Insulation Resistance 250/500/1000V
- Ground Fault measurement 0-1000VDC
- Ground Bond/PE
- Various PV panel connectors included

PROFITEST PVSun — M360C



PROFITEST PV Performance Tester

Features:

- PV Curve Trace for Single, Series, Parallel Strings and Arrays up to 20kW.
- Voltage Measurement 0-1000V
- Current Measurement 0-20A
- Instantaneous Peak power, short circuit current, open circuit voltage
- Series and Parallel resistance
- Database driven menu
- LCD Color Touch Screen Menu
- USB 2.0 Interface

PROFITEST PV — M360A

Quality German Engineering