

POWERMASTER[®] 4 SERIES

Automated Meter Tester



POWERMETRIX

The 4 Series Automated Meter Tester is yet another innovative product introduced by Powermetrix. The 4 Series boasts many features that make it the most functional, versatile, and user friendly meter tester on the market today. It is a closed-link meter testing solution that sources current up to 30A or 50A (depending on model) and operates on all voltages up to 530V with no switch changes required. It facilitates testing of most ANSI socket based meters using our newly engineered universal zero insertion force meter socket. All this functionality comes in a field rugged case yet is still the lightest product in its class by a wide margin. With models featuring internal reference standards of 0.02% and 0.04% accuracy, there is a 4 Series Automated Meter Tester to fit virtually any need.

RAISING THE STANDARD

POWERMASTER[®] 4 SERIES

Automated Meter Tester

Direct Inputs

AC Voltage: 100 to 530V

System Power: 3 Pin Multi Connector

Current Source

AC Current: 0.1 to 30A or 50A

Power Factor: -1.00 to 1.00

Drive: 80VA Max

Meter Socket

Universal Zero Insertion Force

All ANSI Meter Forms Except 7S and 24S

Pulse Detector

Adjustable Infrared Sensor

(Photo-Disk, KYZ & Push-button optional)

Other

Display Resolution: 480 x 272, full color

Display Size: 4.3 inches

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

Storage Temperature: -30°C to 60°C (-22°F to 140°F)

Humidity: 0 to 95% non-condensing

Dimensions: 19.8 in x 15.8 in x 7.4 in

Weight: 29.0 lbs (13.2 kg)

System Connectivity

USB Device Ports: 1 (for link to computer)

USB Master Ports: 2 (for link to peripherals)

RS232 Port: 1

Ethernet Port: 1

Warranty

2 years

Measurements

Parameters: Wh, VARh, VAh

Accuracy: Determined by Model

Modes:

Forward and Reverse Energy Flow

Element Testing

Demand Testing

Calibration Verification

MODELS

4132

30 Amp Current Source

±0.02% Accuracy Class

4134

30 Amp Current Source

±0.04% Accuracy Class

4152

50 Amp Current Source

±0.02% Accuracy Class

4154

50 Amp Current Source

±0.04% Accuracy Class

*All information subject to change

POWERMETRIX

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