

POWERMASTER® 4 SERIES

Automated Meter Tester



R A D I A N
Research
Power and Energy Measurement Solutions

We Are The STANDARD

The PowerMaster® 4 Series Automated ANSI Meter Tester 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. Our automatic meter testing equipment also facilitates testing of most ANSI socket-based meters using our newly-engineered universal zero insertion force meter socket.

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 in

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: + / - 0.04%

Models

4134:

30 Amp Current Source

4154:

50 Amp Current Source

FEATURES

- 30A or 50A Current Source
- Whr, VARh, VAh
- Forward and Reverse Energy Flow
- Element Testing
- Demand Testing
- Creep Test
- Calibration Verification

* All information subject to change



**A Product Family
Owned by
Radian Research**

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