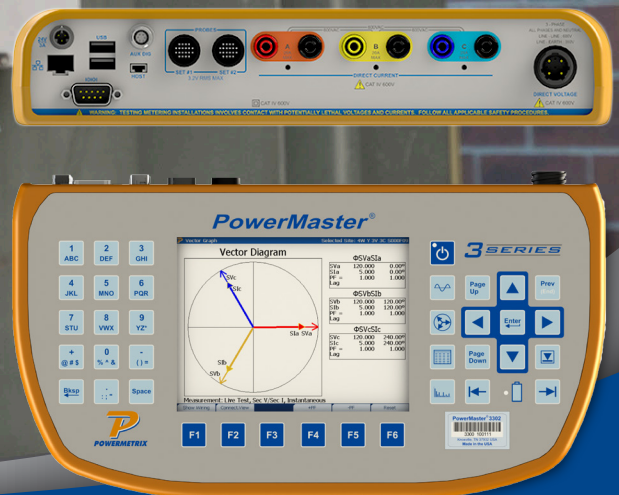


POWERMASTER® 3 SERIES

Ultra Compact Three Phase Analyzing Reference Standard

- ▶ **Protect Revenue**
- ▶ **Diagnose Metering Site Errors**
- ▶ **Full Kit Weight Only 10 lbs (4.5kg)**



R A D I A N

 **Research**

Power and Energy Measurement Solutions

We Are The STANDARD

Customer Load Meter Testing, CT/PT Ratio Testing, CT/PT Burden Measurement, Demand Testing, and Wiring Verification are all easily performed with the extremely portable PowerMaster® 3 Series along with its innovative backpack containing all your accessories and tools. With a full kit weight of only 10 lbs., we are revolutionizing field testing as we know it. Grab it and go!

POWERMASTER[®] 3 SERIES

Ultra Compact Three Phase Analyzing Reference Standard

Direct Inputs

AC Current:

3 Inputs, 100mA to 20A RMS (3302 Only)

AC Voltage:

3 Inputs, 46 to 600V RMS

Aux. Power: 1 Input, 120 to 240VAC

Probe Inputs

Two sets of three inputs

Resolution and range determined by probe

All probes are calibrated independently of 3 Series

System Connectivity

Pulse Inputs: 2 (meter pulse input, standard input)

Pulse Outputs: 1 (standard output)

USB to PC Port: 1 (connectivity to PC)

USB Ports: 2 (peripheral devices)

RS232 Port: 1 (legacy devices)

Other

Display Resolution: 640 x 480, full color transmissive
VGA, LED Backlit

Display Size: 5.7 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

Internal Battery: 11.1V Li-Ion rechargeable, 2600 mAh

Dimensions: 11.6in x 6.2in x 2.0in (295mm x 157mm x 51mm)

Weight: (Not including cables) 3.5lbs (1.6kg)

Warranty: 2 Years

Safety

Isolation Protection: IEC 61010-1 :2010

Measurement Category: CAT IV 600V

Degree of Protection: IP-40

Measurements

Energy:

Wh, VARh, VAh

+/- 0.05% Accuracy (direct current channels)

+/- 0.10% Accuracy (probe channels)

Power:

Watt, VAR, VA

+/- 0.05% Accuracy (direct current channels)

+/- 0.10% Accuracy (probe channels)

Power Factor: -1.00 to 1.00

Harmonics: Up to 50th harmonic (user selectable)



FEATURES

- Three Phase Reference Standard
- CT and PT Ratio Testing
- CT and PT Burden Measurement
- Customer Load Meter Testing
- Register/Demand Testing
- Vector Diagrams
- Voltage and Current Waveforms
- Harmonic Analysis up to 50th
- PRM Software

*All information subject to change



**A Product Family
Owned by
Radian Research**

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