

TECHNICAL DATA



Features

- Calculates operating costs of household appliances
- Displays 8 important units of measure (Voltage, Current, Watts, Frequency, Power Factor, Energy used (kWh), Total Cost and Elapsed Time)
- Easy-to-read, dual LCD display
- Built-in battery backup
- Conforms to UL and CSA standards
- Includes battery

Specifications

Measuring Ranges:

Voltage: 100 to 150VAC 60Hz
Current: 0 to 15A
Power: 0 to 1800W
Power Factor: 0 to 1.00
Frequency: 45 to 65Hz

Accuracy:

Voltage: $\pm(1\% \text{ rdg.} + 1 \text{ dgt.})$
Current: $\pm(1\% \text{ rdg.} + 10 \text{ dgt.})$
@ 0.010 to 0.999A;
 $\pm(1\% \text{ rdg.} + 5 \text{ dgt.})$
@ 1.00 to 15.00A
Power: $\pm(1\% \text{ rdg.} + 10 \text{ dgt.})$
@ 1.0 to 100.0W;
 $\pm(1\% \text{ rdg.} + 5 \text{ dgt.})$
@ 100.0 to 999.9W;
 $\pm(1\% \text{ rdg.} + 1 \text{ dgt.})$
@ 1000 ~ 1800W
Power Factor: $\pm(2\% \text{ rdg.} + 10 \text{ dgt.})$
@ 0.30 to 0.49;
 $\pm(2\% \text{ rdg.} + 5 \text{ dgt.})$ @ 0.50 to 1
Frequency: $\pm(1\% \text{ rdg.} + 1 \text{ dgt.})$

Logging Ranges:

Energy: 0 to 9999kWh
Cost: \$0 to \$9999
Total Time: 0min to 9999days
Dual LCD

Display:

Display Update:

Overrange Indicator:

Power Supply:

Overvoltage Category:

Product Certifications:

1 time/sec.
Yes
1 x 3V (CR2032, back up battery)
CAT. II 150V
CE, ETL, Conforms to UL
STD.61010-1, 61010-2-030;
Certified to CSA STD.C22.2
NO.61010-1, 61010-2-030

Operating Temperature:

Storage Temperature:

Operating Humidity:

Dimensions:

32 to 122°F (0 to 50°C)
14 to 140°F (-10 to 60°C)
10 to 90%
5.1 x 2.6 x 1.5"
(130 x 65 x 37mm)

Weight:

1.9 oz (155g)

Model	Description
R5090	Power Meter