

### TECHNICAL DATA



### Features

- Calculates operating costs of electronic devices
- 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:  $\pm(1\% \text{ rdg.} + 1\text{dgt.})$   
Energy: 0 to 9999kWh  
Cost: \$0 to \$9999  
Total Time: 0min to 9999days

#### Logging Ranges:

#### Display:

#### Display Update:

#### Overrange Indicator:

#### Power Supply:

#### Overvoltage Category:

#### Product Certifications:

Dual LCD  
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)  
1.9 oz (155g)

#### Model

#### Description

R5090

Power Meter