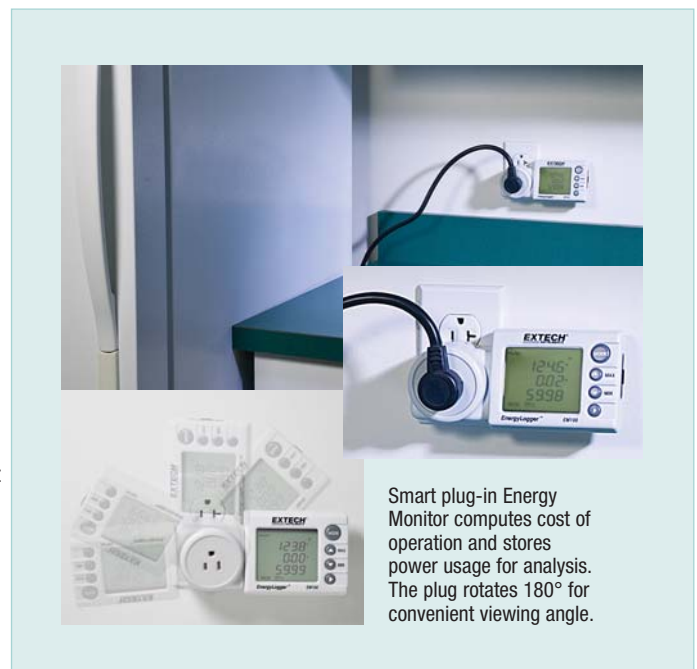# Energy Monitor

Smart Plug-In Energy Monitor
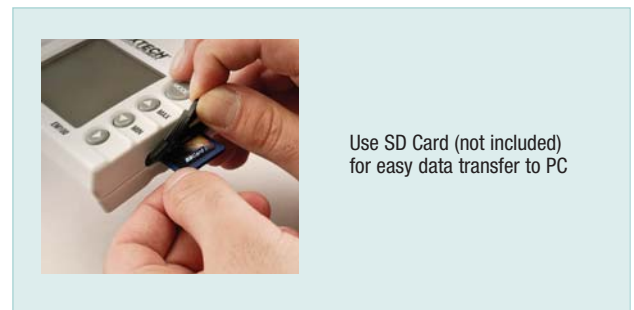*Computes cost of operation and stores power usage for analysis*

Features:

- Monitor and record real time power usage of motors, pumps and appliances
- For energy conservation and cost reduction programs
- Internal memory stores up to 6 months of data at 1 minute intervals
- Transfer data to a PC using an SD card (not included)
- Windows® compatible software included for analysis and report generation
- Display line Voltage, Current, Frequency, Watts, VA and PF
- Displays ID, kWh and cost of operating the plugged in device
- Projects cost of operation per week, month and year
- Real time clock
- Records Min/Max values for Voltage, Current, Active Power, Apparent Power and Power Factor
- Program power cost for single or dual level pricing
- Rotating 120V socket for use in either ground up or ground down outlet schemes
- Power range of 1.0W to 1400W
- Operates from 100V-125V; 50/60Hz; 12A max
- Battery backup stores clock and data when removed from outlet
- Complete with rotating plug socket, CR1620 battery, and Windows® software

Smart plug-in Energy Monitor computes cost of operation and stores power usage for analysis. The plug rotates 180° for convenient viewing angle.

Specifications	
Voltage	85.0 to 140.0V
Current	0.01 to 12.00A
Frequency	50.00/60.00Hz
Active Power (Watts)	1.00 to 1400W
Apparent Power (VA)	1.00 to 1400VA
Active Power Energy (kWh)	0.001 to 9999kWh
Power Factor	0.00 to 1.00
Cost Setting Range	0.001 to 9.999
Cost of Operation (actual & projected)	Week, Month, Year
Internal Memory	6 months of data at 1 minute intervals
SD Card (not included)	64M to 2G
Dimensions	6.5 x 3.2 x 3.1" (16.4 x 8.2 x 7.8cm)

Use SD Card (not included) for easy data transfer to PC

Ordering Information:

EM100............Energy Monitor