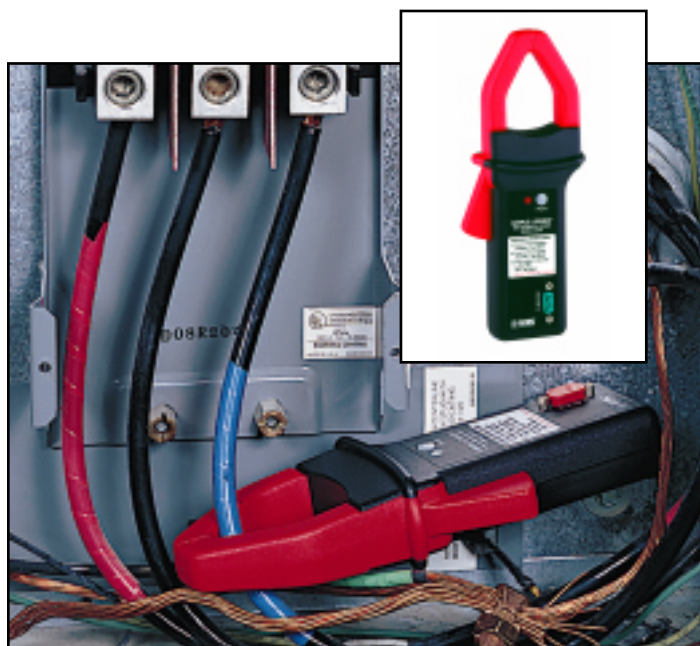# Clamp-On AC Current Simple Logger® Model CL600

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Specifications

ELECTRICAL

Number of Channels: 1

Measurement Range: 0 to 600Arms

Input Connection: Split jaw

Resolution: 8 Bit (0.5A)

Accuracy*:
2% of Reading + Resolution (0 to 400A)
5% of Reading + Resolution (400 to 600A)
(see inside back cover for details)

Sample Rate: 4096/hr maximum

Storage Technique:
Time Extension Recording™ (TXR™)

Data Storage: 8192 readings

Power: 9V Alkaline battery

Battery Life:
Up to 1 year of recording @ 25°C

Output: RS-232 via DB-9 connector

Indicators: Red LED flashes once every 2 seconds in STANDBY mode, twice every 2 seconds in LOGGING mode, and is off in OFF mode

Controls: One button used to start and stop recording sessions and to turn the data logger on and off

Working Voltage: 600VAC

MECHANICAL

Size: 5.47 x 2.00 x 1.8"
(139 x 51 x 30mm)

Weight: 1.07 lb (485g)

Max Conductor size:
2 conductors: 1" (25.4mm each)
1 conductor: 1.65" (42mm)

Jaw Opening: 1.65" (42mm maximum)

ENVIRONMENTAL

Operating Temperature:
-4 to +158°F (-20 to +70°C)

Storage Temperature:
-4 to +174°F (-20 to +80°C)

Relative Humidity:
5 to 95% non-condensing

Features

- Self contained, no exposed connections
- 0 to 600A input
- True RMS measurements
- Overload indication
- One button operation
- RS-232 output

Applications

- Machine load monitoring
- HVAC troubleshooting
- Load profiling
- Electrical troubleshooting

ORDERING INFORMATION   **CATALOG NO.**

Simple Logger® Model CL600, Clamp-on RMS Current (0 to 600Arms Input) . . . . **Cat. #2116.11**
Includes software (CD-ROM), 6 ft DB-9 RS-232 cable, 9V Alkaline battery and user manual

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AEMC® INSTRUMENTS

Technical Assistance (800) 343-1391

Simple Logger® Software

Features

- Very easy to setup and use — no programming required

- Statistics appear on screen: Max, Min, Avg, Date and Time

- On-Line display of data logger values

- Zoom capability with automatic statistics update

- User keyed text annotations

- Automatically displays values at the cursor position

- Export data to spreadsheet and database software

- Print both graphs and tabular listings

- Paste graphs into other applications

- Programmable scale and units for all DC loggers. Automatic selection for AC loggers

- User programmable High and Low limits (Model L215)

- User programmable record modes – inside or outside of limits (Model L215)
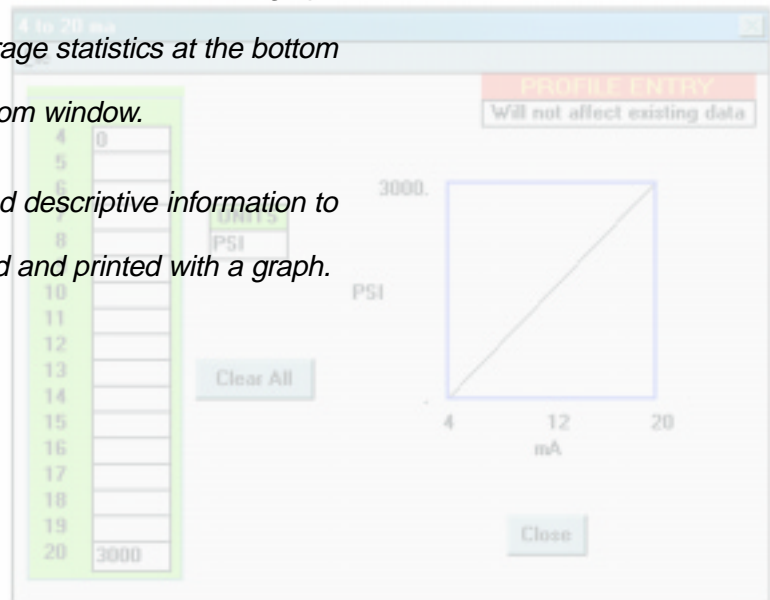
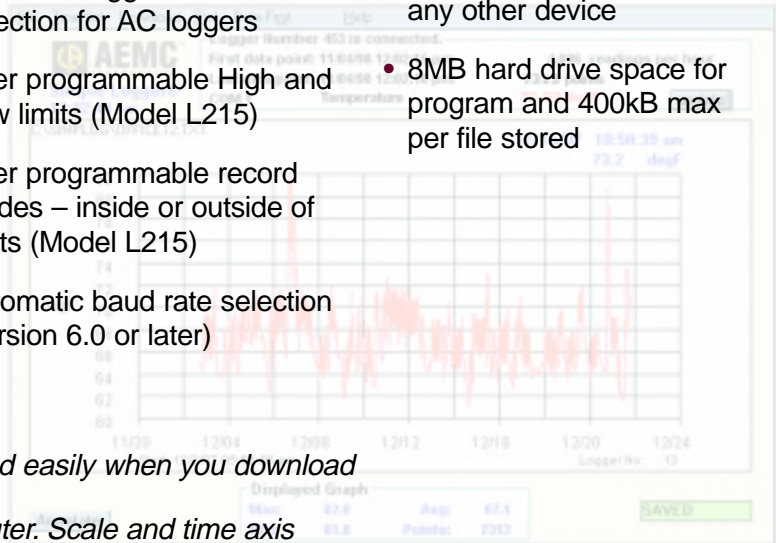- Automatic baud rate selection (version 6.0 or later)
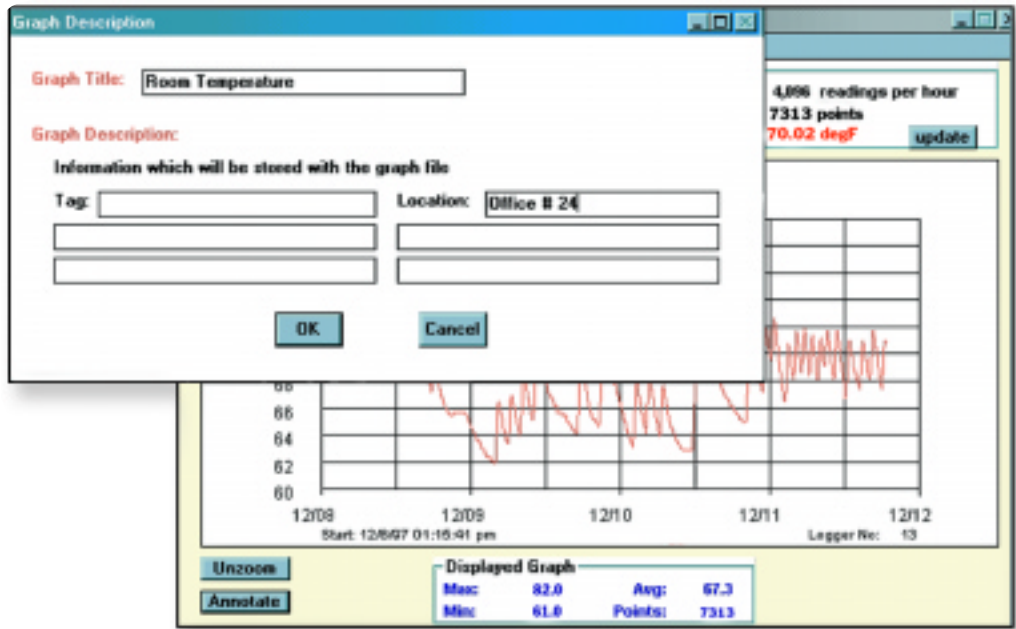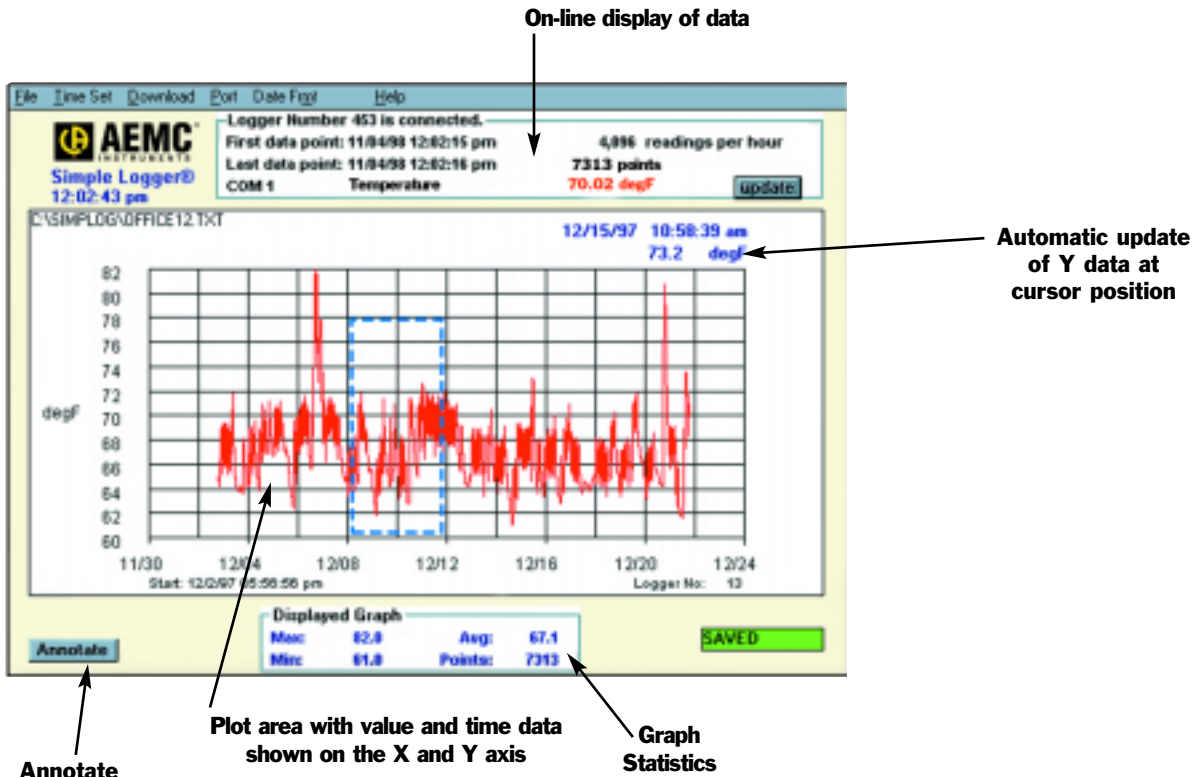
Computer Requirements

- 486 or higher

- 8MB of RAM

- Windows®95/98/2000/ME/XP or Windows®NT

- 1 serial port not in use by any other device

- 8MB hard drive space for program and 400kB max per file stored

Plot graphs and view statistics quickly and easily when you download data from Simple Logger® to your computer. Scale and time axis update automatically.

Click and drag your mouse to zoom up the desired area of the graph for better viewing. The Min, Max and Average statistics at the bottom of the graph update automatically with zoom window.
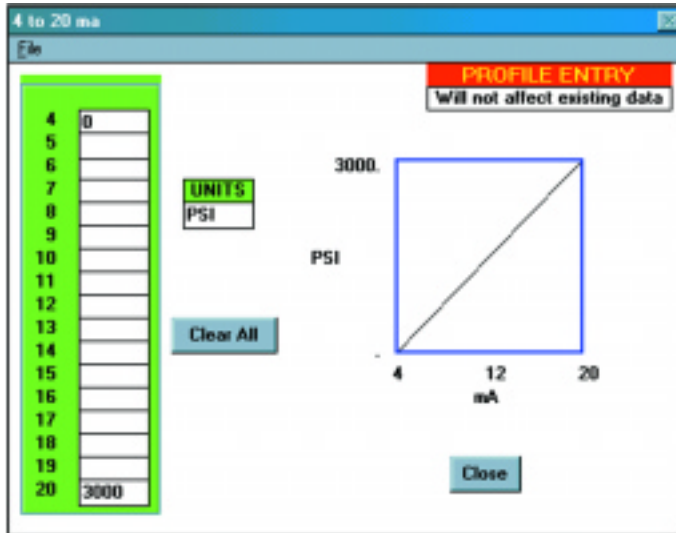
Click the Annotate button to add a title and descriptive information to your graph. This information can be stored and printed with a graph.
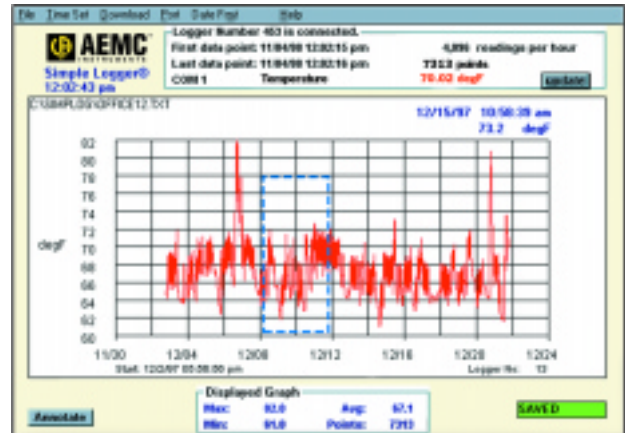
On-line display of data

Automatic update of Y data at cursor position

Annotate button

Plot area with value and time data shown on the X and Y axis

Graph Statistics

Click the Annotate button to add a title and descriptive information to your graph. This information can be stored and printed with a graph.

Simple Logger® Software

Click the scale button in the file menu to create custom scales and engineering units for DC voltage (**Models L410 & L430**) and DC current loggers (**Model L320**).

Click and drag your mouse to zoom up the desired area of the graph for better viewing. The Min, Max and Average statistics at the bottom of the graph update automatically when the graph is zoomed.

AEMC®
INSTRUMENTS

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