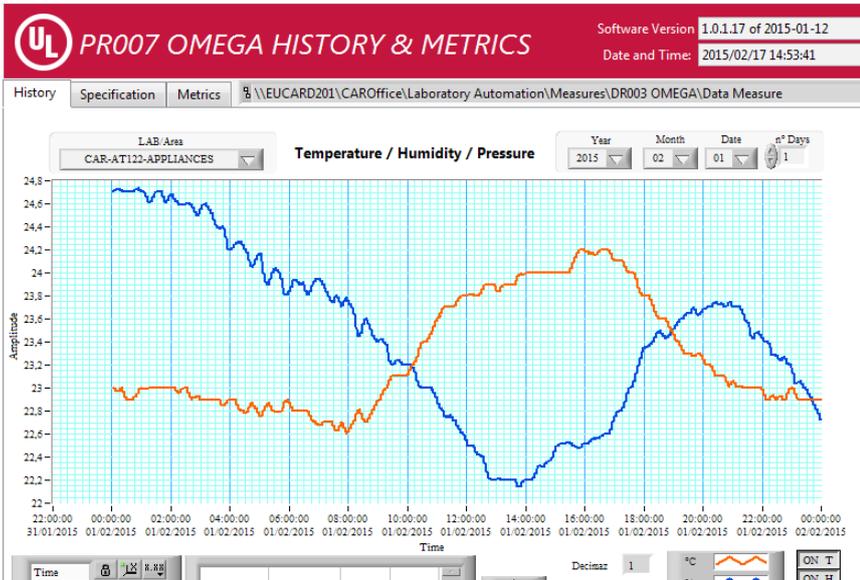SOFTWARE - AUTOMATION SERVICES

AUT SW DR003 Environmental Condition Monitor and AUT SW PR007 Omega History and Metrics

Omega Driver History and Metrics

The DR003 OMEGA Driver saves and shows the environmental conditions measured from OMEGA Climatic Unit (temperature, humidity and pressure). This data can be shared between different applications through a secure network.

Warning and alarms are configurable: The option to set notifications in case of warnings, alarms and hardware disconnection can be requested.

Together with the acquisition software, the PR007 OMEGA History and Metrics is a program to monitor the trend of the ambient temperature, humidity and pressure.

It is possible to show the trend of environmental conditions for one day, one week, one month or one year for each climatic unit located in a specific lab area.

The application analyses the maximum value, and time in percentage in which the temperature remains within the range limits or outside the range.

BENEFIT

- Possibility to connect up to 50 thermal units
- Data saving every minute

HARDWARE FEATURES

- Interface: Ethernet (DHCP mode available)
- Features: Virtual Chart Recorder, Web Server
- Accurate Readings
- Calibration service available

HARDWARE SUPPORTED

- Manufacturer: Omega Engineering, Model: iBTHX-W (AUT HW 004)

SOFTWARE OPTIONS

- Notification in case of warning, alarm and disconnection

SENSOR SPECIFICATION

Barometric Pressure

Accuracy: ±2.0mbar

Resolution:0.1mbar

Relative Humidity

Accuracy: ±2.0mbar

Temperature

Accuracy:±0.8°C@20°C;±1°C for 0 to 70°C

For more information or to try a demo, email Manuela.Scalisi@ul.com or Chiara.Marengoni@ul.com.