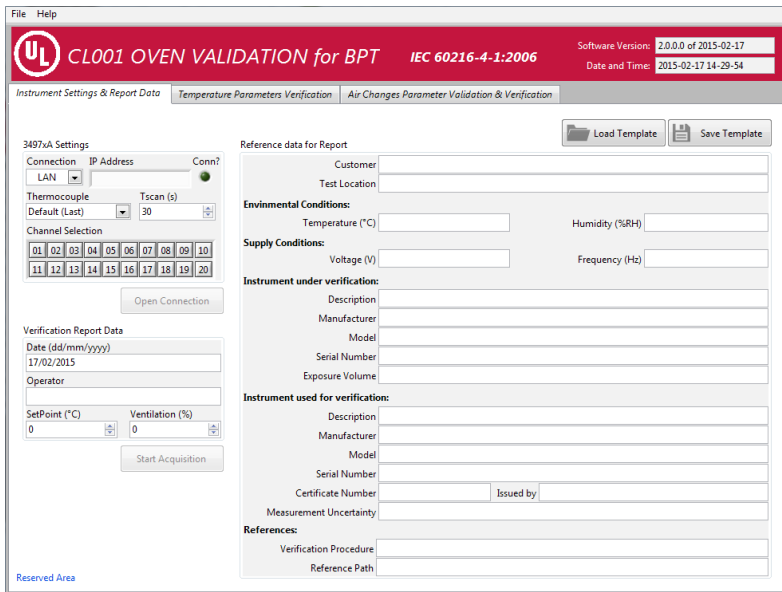




AUT SW CL001 Software for Oven Validation: Ball Pressure Test (BPT)

The **CL001 software for Oven Validation for Ball Pressure Test (BPT)** can verify, before each test, that all parameters prescribed by the standard **IEC 60216-4-1**, related to the oven used to perform the ball pressure test, are in tolerance.



Oven validation for ball pressure test main window

The software provides an interface between user and hardware equipment, composed of a **Temperature Data Logger (AUT HW 001)** that measures the temperature acquired by ten thermocouples placed inside the heating chamber as follows:

- Eight thermocouples mounted in the corners of a grid that identifies the exposure volume of the specimen
- One thermocouple placed on air in the center of the grid, near the specimen support
- One thermocouple mounted on the specimen support

The SW interface shows the temperature trend in the different positions of the exposure volume, and analyses data in order to provide the value of the parameters, while verifying if they are in tolerance.

Acquired data can be saved on a measurement file with the additional possibility to save a report with the summary of results.

Thermocouple setup: A grid with ten measurement points and ball pressure loading device and test specimen support.



Accessory: AUT HW 002 Metallic Grid

SOFTWARE KEY FEATURES & SPECIFICATIONS

- Ability to Verify Ball pressure test oven parameters according to IEC 60216-4-1
- Connection mode LAN –USB
- Quick test setup and execution
- Automatic Report generation
- Allows the user to:
 - Collect, monitor and manage data
 - Analyze data and verify tolerance in real time
- Present data graphically
- Export data to other applications for presentation and analysis.

DEDICATED SETUP

- Temperature Data Logger for Oven Validation (AUT HW 001)
- Grid with ten measurement points (AUT HW 002)

STANDARD REFERENCE

- IEC 60216-4-1 Electrical insulating materials - Thermal endurance properties - Ageing ovens - Single-chamber ovens

For more information or to try a demo, call +39 02 92526431, or email Manuela.Scalisi@ul.com