

# Kaye Validator<sup>®</sup>

## Pressure Transducer

The Kaye Validator is a standalone thermal validation system that simplifies the entire validation process by reducing setup time, minimizing sensor handling, and presenting critical study data in easily customized report formats. Version 3.11 now incorporates the latest technology for faster data collection, improved data management and more flexible reporting and analysis, providing significant time saving over previous releases. This advanced system is specifically designed to conform with 21 CFR Part 11 and to meet international and European norms for validation of pharmaceutical, biotechnology and medical device (EN285, EN554) manufacturing plants.

In order to meet the stringent requirements of EN554 and ISO-17665, it is a requirement that saturated conditions are also validated along with temperature.

An easy to use, accurate and reliable pressure transducer is available for the Kaye Validator System.



### Features

- Designed for the harsh environment applications such as steam sterilizers and SIP systems
- High performance pressure transducer, specified at full temperature range of autoclave
- Can be directly connected to 1.5 in triclover flange
- Full ISO-17025 traceable calibration over pressure and temperature range
- Easy of Use – wires directly to Kaye Validator with no additional wiring or power supplies required.



# Pressure Transducer Specifications

## Type

Absolute Pressure Transducer

## Range

0 bar to 4 bar (59 psia) Absolute

## Sensitivity

1V to 5V

## Non-linearity & hysteresis

±0.2% combined

## Temp. compensated range

110°C – 140°C

## Accuracy

10mbar (0.147 psi) at 110°C – 140°C

## Calibration

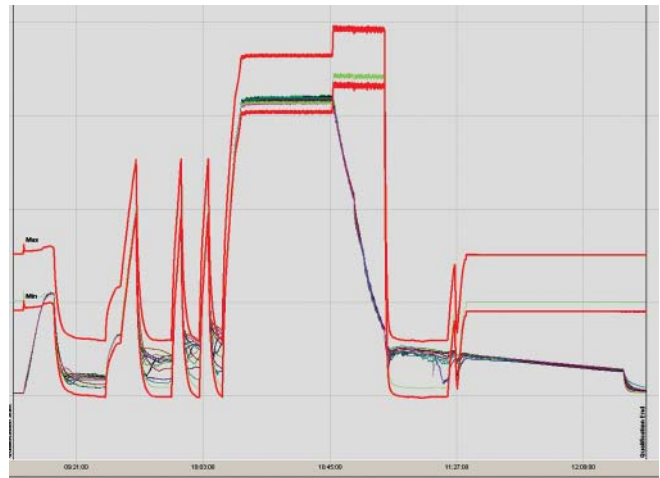
Pressure calibration performed at 23°C and 121°C

## Software Support

The Kaye Validator Report Wizard provides EN554, HTM2010 and ISO-17665 complaint reports. The user can create:

- Saturated Pressure and Temperature Graph Reports utilizing temperature and pressure actual data along side calculated saturated readings
- Automatic equilibration pass/fail determination
- Automatic Tb, Tb+3 limit determination based on temperature versus saturated temperature, or pressure versus saturated pressure.

<http://www.gesensing.com/kayeproducts/>



Kaye Validator Report Wizard



[www.gesensinginspection.com](http://www.gesensinginspection.com)

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