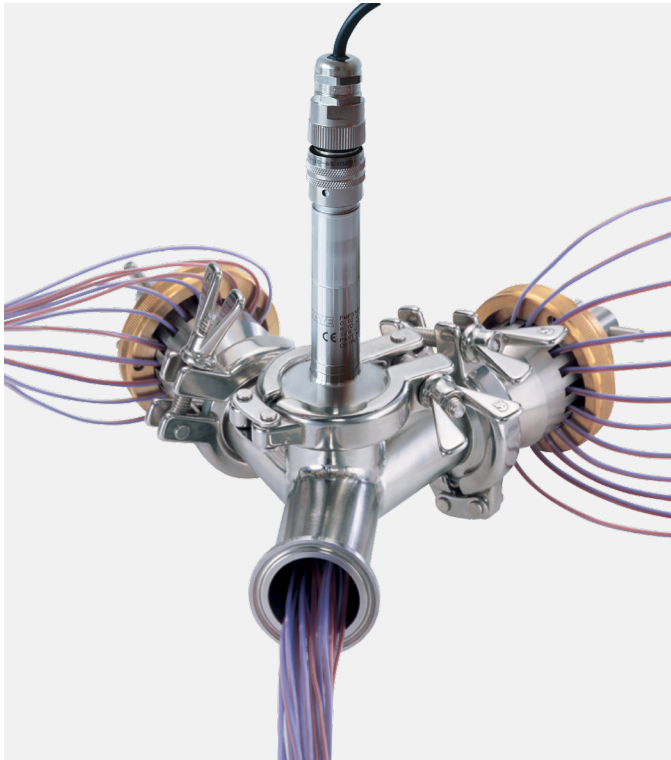


# Kaye Validator<sup>®</sup> Pressure Transducer

HIGH PRECISE SENSOR FOR AUTOCLAVES



International and European norms (EN285, EN554, ISO-17665) for the validation of pharmaceutical, biotechnology and medical devices require the proof of saturated steam conditions in autoclaves. To achieve that a high accurate - temperature compensated - Pressure Transducer is needed.

Kaye's Autoclave Pressure Transducer (KG-075) is designed to meet this requirement. In combination with the Kaye Validator AVS System, saturated steam conditions can now be validated along with temperature. The pressure transducer is accurate and easy to connect. The Validator AVS will supply the

power required without the need for any additional power supplies.

## 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
- Ease of Use – wires directly to Kaye Validator with no additional wiring or power supplies required

## SOFTWARE SUPPORT

The Kaye Validator Report provides EN554, HTM2010 and ISO-17665 compliant 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



## CALIBRATION

Pressure calibration performed at 23°C and 121°C

## SPECIFICATIONS

<b>Type</b>	Absolute Pressure Transducer
<b>Range</b>	0 bar to 4 bar (59 psia) Absolute
<b>Sensitivity</b>	1V to 5V
<b>Non-linearity &amp; hysteresis</b>	±0.2% combined
<b>Temp. compensated range</b>	110°C – 140°C
<b>Accuracy</b>	10mbar (0.147 psi) at 110°C – 140°C



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