

# CALIBRATION EQUIPMENT

## LOW PRESSURE/VACUUM TYPE LTP I



**OMICRON** portable low pressure calibrator for testing of pressure-sensors, indicators, switches and safety equipment at a low pressure range. The calibrator can be delivered with either analogue or digital gauges. Kindly specify what type upon request and ordering.

### Technical specifications:

- Output pressure: 0-2 Bar / 0-30 PSI
- Output vacuum: 0-(-1000) mBar / 0-(-29,5)in Hg
- Material: Nickel plated brass/aluminium.
- Adjustments: Fine volumetric press/vacuum adj.
- Dimensions: 150 mm(MIN.) x 46 mm DIA.

### Digital gauge specifications:

- Range: -1- + 30 Bar (also Eex enclosure)
- Resolution: 0,11 digit
- Accuracy: 0,1 % FS
- Max. press.: 30 Bar.
- Power: 3V type CR 2430.

## MEDIUM PRESSURE/VACUUM TYPE TP I



**OMICRON** portable low pressure calibrator for testing of pressure-sensors, indicators, switches and safety equipment at a low to medium pressure range. The calibrator can be delivered with either analogue or digital gauges. Kindly specify what type and range upon request and ordering.

### Technical specifications:

- Output pressure: 0-40 Bar (Adjustable)
- Output Vacuum: 0-(-1000) mBar / 0-(-29,5)in Hg
- Material: Nickel plated brass/aluminium.
- Adjustments: Fine volumetric press/vacuum adj.
- Dimensions: 220(L)x105(W)x63(D) mm

### Digital gauge specifications:

- Range: -1- + 30 Bar (also Eex enclosure)
- Resolution: 0,11 digit
- Accuracy: 0,1 % FS
- Max. press.: 30 Bar.
- Power: 3V type CR 2430.

 **OMICRON**  
Solutions you can trust

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# CALIBRATION EQUIPMENT

## TEMPERATURE CALIBRATOR TYPE OTE-T700



**OMICRON** portable temperature calibrator for testing of temperature-sensors, indicators, switches and safety equipment. The heating medium is hot air. This makes it clean to use and it has quick temperature change response. Temperature range is about 10 degrees above ambient to + 700 degrees Celsius with digital readout of the measured temperature.

### Technical specifications:

- Measuring range: ~30 - 700° C
- Heating medium: Air
- Display: 15 mm 3,5 Digit LCD.
- Dimensions: 410 x 140 x 160 mm.
- Weight: 4 kg
- Power: 120V - 50/60 Hz - 2700W, 230V - 50/60 Hz - 2300W
- Accuracy up to 100° C: +/- 1° C, 101-400° C: +/- 1 % FS, 401-700° C: +/- 2 % FS

## PRESSURE CALIBRATOR TYPE OTE-P202 AND OTE-P300



**OMICRON** portable pressure calibrator for testing of pressure-sensors, indicators, switches and safety equipment. The pressure medium is oil. It has fine adjustment of the pressure, and an over-pressure relief valve. The digital readout can be selected to Bar or PSI. Pressure range is 0 - 200 bar / 0 - 300 bar. The unit can also be delivered in Eex version.

### Technical specifications:

- Measuring range: 0-200 Bar / 0-1999 PSI // 0-300 Bar 0-4350 PSI
- Pressure medium: Oil
- Display: 15 mm 3,5 Digit LCD.
- Dimensions: 310 x 115 x 135 mm.
- Weight: 5 kg
- Hose length: 1,5 m with quick connector and 40 mm testcock
- Power: 1 pc. 9V battery
- Accuracy 0-10 Bar: +/- 0.2 Bar
- 11-200 Bar: +/- 0.25 % Fs.
- 11-300 Bar: +/- 0.25 % Fs.

*The calibration equipment is  
Type Approved by Det Norske Veritas.*

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