

## PRESSURE CALIBRATOR



The pressure calibrator is used for precise monitoring and adjustment of pressure gauges and transmitters. It is equipped with a precision manometer. A fine adjusting screw and a valve complete this portable device.

### Benefits

- Precise pressure generation
- Digital precision manometer
- Integrated pressure pump
- Easy operation
- Fine adjusting screw
- Portable
- Battery operated
- Three versions with several pressure ranges

### Operation

The pressure gauge to be checked is connected directly to the quick coupling of the calibrator. After closing the valve, the pressure can be increased by the hand pump and decreased by the valve. Small changes can be made by the fine adjusting screw.

## Technical data

### Low pressure calibrator

- Air pump: up to 10 bar / 145psi
- Vacuum pump: down to -850 mbar / -12.3psi
- Pressure range: -1...2 bar / -14.5...29psi -1...10/-14.5...145psi

### Medium pressure calibrator

Integrated hand pump

Pressure range: -1...10 bar / -14.5...145psi

-1...20 bar / -14.5...290psi

-1...25 bar / -14.5...362.5psi

### High pressure calibrator

Pre-compression pump

Screw compressor for pressurizing and fine adjustment

Oil reservoir

Pressure range: 0...200 bars / 0...2900psi

0...350 bars / 0...5075psi

0...700 bars / 0...10150psi

### All calibrators

Accuracy: 0.1% FS, within 0...50°C / 32...122°F

Resolution: 7400 steps (0.014% FS)

Battery life: approx. 1/2 year, permanent operation

Displays: Pressure, temperature, time, unit

Memory: 946 readings (optional 8114)

Interface: RS 232

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