STEINFURTH®

Pressure Calibrator TS 92.4

Mobile, precise manometer and pressure calibration

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.

INDUSTRIAL PHYSICS

Protecting
Product Integrity

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.

Benefits

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

Technical Specification

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 bar / -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. ½ year, permanent operation
Displays	Pressure, temperature, time, unit
Memory	946 readings (optional 8114)
Interface	RS 232

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INDUSTRIAL PHYSICS

TÜV NORD CERT GmbH DIN EN ISO 9001

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