STEINFURTH®
Electromechanical Measuring Systems

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.

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 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

Steinfurth Mess-Systeme GmbH

Elektromechanische Mess-Systeme
Bonifaciusring 15
45309 Essen, Deutschland
Telefon +49-201-85517-0
Internet: https://www.steinfurth.de
E-Mail: info@steinfurth.de

Steinfurth, Inc.

Electromechanical Measuring Systems
11390 Old Roswell Rd., Ste. 126
Alpharetta, GA 30009, USA
Phone +1-678-500-9014
Internet: https://www.steinfurth.com
E-Mail: info@steinfurth.com

TÜV NORD CERT GmbH DIN EN ISO 9001