

SB Series

Model: S4B

Handheld Pressure Pump



Description:

The S4B Handheld Pressure Pump 4 Bar Range is a compact pneumatic test pump for low pressure calibration. Designed for on site use, in workshops or in the lab, it provides stable and precise pressure generation up to 4 bar for testing, setting and calibrating pressure instruments.

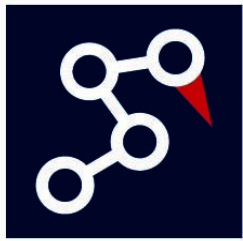
Despite its small size, the S4B offers fine control in the mbar range, making it ideal for applications where accurate low pressure adjustment is critical. Combined with a suitable digital pressure gauge, it becomes a portable, high precision pressure calibration solution.

Product Highlights:

- Testing, adjustment and calibration of all types of low pressure gauges and transmitters up to 4 bar
- Long term stable measurements thanks to a hermetically sealed vacuum / low pressure chamber in the P4 platform design
- Exact setting in the mbar range via ultra fine

Applications include, but not limited to:

- Assembly and commissioning of pressure instruments
- Maintenance and service in plant and process environments
- Production line spot checks and calibration
- Quality assurance and test equipment monitoring

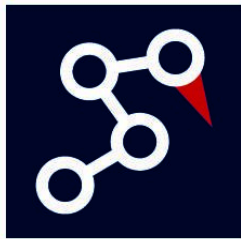


STORK SOLUTIONS

thread pitch and large volume regulating valve

- Tool free changeover between overpressure and vacuum generation on the P4 style mechanism (where both are required in the application)
- Compact and lightweight design for truly mobile use

- Repair workshops and service centres
- On site verification of low pressure transmitters, switches and gauges



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Specification:

S4B Handheld Pressure Pump	
Pressure Ranges	Negative Pressure: -0.3 bar (depending on test sample / reference) Positive Pressure: 4 bar
Pressure Medium	Air
Connections	Reference Pressure Gauge: G $\frac{1}{4}$ female thread with PA hose (2 x 1 m) Test Sample: G $\frac{1}{4}$ with quick coupling and pressure hose (1 m)
Basic	Dimensions: Approx. 225 x Ø 55 mm Weight: Approx. 980 g
Solid	Dimensions (Case): Approx. 450 x 370 x 110 mm Weight: Approx. 4.2 kg +Adapter Kit: Chrome-plated brass, G $\frac{1}{8}$, G $\frac{1}{4}$, G $\frac{3}{8}$, G $\frac{1}{2}$, $\frac{1}{8}$ NPT, $\frac{1}{4}$ NPT, $\frac{1}{2}$ NPT, M12 x 1.5, M20 x 1.5, G $\frac{1}{8}$, G $\frac{1}{4}$ +Seal Kit: PA flat gaskets and O-rings