

SB Series

Model: S700B

Handheld Pressure Pump



Description:

The S700B Handheld Pressure Pump 700 Bar Range is a high pressure hydraulic test pump for demanding calibration tasks. Designed for use on site, in workshops and in laboratories, it provides stable and precise hydraulic pressure generation up to 700 bar for testing and calibrating pressure gauges, switches and transmitters.

With its large calibration volume and efficient hand operated mechanism, the S700B delivers high pressure with minimal effort. Combined with a suitable reference pressure gauge or digital pressure indicator, it forms a powerful, mobile high pressure calibration system.

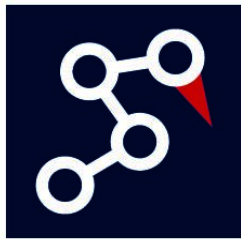
Product Highlights:

- Testing, adjustment and calibration of pressure instruments up to 700 bar
- Exact setting thanks to ultra fine thread pitch and large volume regulating valve
- High pressure generation with minimal manual effort
- Large calibration volume (typically around 300 ml) for testing larger systems
- Compact, robust design for industrial environments
- Low overall weight and small footprint for easy transport to the measuring point



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- Immediately ready for use with no external power or hydraulics required
- No need for external pressure sources or power supplies
- Wear free, smooth manual pressure generation largely independent of ambient temperature or orientation



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Specification:

S700B Handheld Pressure Pump	
Pressure Range	0-700 bar
Pressure Medium	Demineralized water or hydraulic oil
Connections	Reference Pressure Gauge: G $\frac{1}{4}$ Test Sample: G $\frac{1}{4}$ with quick coupling and pressure hose (1 m)
Basic	Dimensions: Approx. 255 x 225 x 85 mm Weight: Approx. 1.7 kg
Solid	Dimensions (Case): Approx. 450 x 370 x 110 mm Weight: Approx. 4.8 kg +Adapter Kit: Stainless steel, 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