

PPS1210

Calibration pump

Calibration of pressure sensors



Product description

The PPS1210 pressure calibration pump with heated pressure port enables fast and accurate inspection of melt pressure sensors directly in the laboratory or directly in the factory. Thanks to its compact dimensions, it is easily portable. To check the sensor, it is necessary to install it in the mounting hole M18x1.5 or with the help of an adapter to the 1/2-20 "UNF port.

Thanks to the screw system for pressure generation, it is very easy to create a load of up to 700 bar. The pump has an oil temperatured system up to 400°C. Data from the tested sensor can be transferred via cabling to your PC and create protocols or checklists for individual sensors. The pressure calibration pump is delivered in an aluminum case with a foam insert.

Characteristic functions

- Heated pressure calibrator 0-700 bar
- Supplied in a sturdy aluminum carrying case with a customized foam insert
- Replacement battery for electronic calibrator
- Power cable 230V AC
- 5/11 point test report (factory certificate)
- Operating Instructions



Technical specifications:	
Construction:	Robustní ale lehce přenositelná
Weight:	7,2 kg, s pouzdem cca 13 kg
Accuracy:	± 0,05 % FS
Battery life:	> 2000h s nepřetržitým provozem
Battery type:	3V Batterie, Typ CR 2430
Process connection:	M18x1.5 (optional reduction to 1 / 2-20 "UNF)
Pressure range:	0 - 700 bar (other pressure ranges on request)
Maximum port temperature:	Adjustable from 21°C to 400°C
Pressure units:	bar, mbar, hPa, kPa, MPa, PSI, kp / cm ² , cmH ₂ O, mH ₂ O, inH ₂ O, ftH ₂ O, mmHg, inHg (nastavitelné na displeji)
Sensor power supply:	Integrated 10 to 24 VDC
Dimensions:	470 x 170 x 280 mm (DxŠxV)
Oil type:	Mineral oil
Amount of oil:	57 ml (mineral oil)
Output signals / plug:	4-20 mA plug, 2-wire Plug 0-20 mA, 3-wire Plugs: 2 mV / V Plugs: 2.5 mV / V Plugs: 3.3 mV / V
Protection class:	IP 65
Interface:	USB (back of pump) (PPS1210 only)

Optional accessories:

- Accredited calibration certificate
- Reduction from M18x1.5 > 1/2-20"UNF
- Plug (4-20mA; 2.0mV/V; 2.5mV/V; 3.3mV/V)

Pump Scheme:

