

Technical data for the PPS1210/PPS1210L heatable pressure calibrator

Pressure range ¹ :	0 - 700 bar (200 bar FS on request)
Maximum allowable pressure:	FS + 10%
Resolution:	100 mbar (10 mbar at a pressure of 200 bar)
Accuracy:	± 0,05 % of a unit (where t = 0 °C to +50 °C) +/- 1 Digit
Measurement rate:	500 ms (2 Hz)
Units:	Bar / PSI / kPA / mH, among others ² 0 (in total 13 different units, adjustable in the display)
Heatable pressure port ¹ :	1/2" 20UNF or M18 x 1.5 (other ports available on request)
Temperature at pressure port:	can be adjusted from room temperature up to +400°C via the built-in PID temperature controller
Oil volumes:	57 ml
Oil type:	olive oil / HLP 22 BP
Voltage supply:	3 V battery, type CR 2430
Battery lifespan:	2000 hours of continuous operation
Interface:	USB (calibrator and PC/laptop) (PPS1210 only)
Voltage supply	
Heating and sensor power supply ¹ :	115 V AC or 230 V AC
Sensor power supply (test piece):	via plug or socket (PPS1210 only) or external
Protection rating:	IP 65
Storage temperature:	0 °C to +60 °C
Operating temperature:	0 °C to +50 °C
Compensated temperature range:	0 °C to +50 °C
Humidity:	5 to 95% relative humidity, non-condensing
Dimensions (LxWxH):	approx. 470 x 170 x 280 mm
Weight:	approx. 7.2 kg (including battery)

¹: Please specify when ordering

Box contents PPS1210/PPS1210L pressure calibrator

- Heatable pressure calibrator
- Delivered in a sturdy aluminium transport case with fitted foam inlays
- Replacement battery for calibrator electronics
- 230V AC power cable
- Plug Volt (PPS1210 only)
- USB data cable (PPS1210 only)
- 5/11 point inspection protocol (work certificate)
- Software CD (PPS1210 only)
- User manual in German (English and French available on request)

Optional accessories:

- DKD (Deutscher Kalibrierdienst / German Calibration Service) certificate for display and internal reference sensor
- Mounting bush 45°, M18x1.5 on 1/2"-20UNF
- Plug 0/4....20mA (PPS1210 only)
- Plugs: 2mV/V, 2.5mV/V, 3.3mV/V (PPS1210 only)

Accessory prices available on request

Design 1403-06, We reserve the right to amend the technical specifications.

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