

PPCH

Pressure Controller - hydraulic



- **High accuracy of reading.**
- **For labor and industry.**
- **All purpose, ergonomic and easy to use.**
- **From 150 to 30 000 psi.**
- **Auto-Range[®] - feature support infinite ranging.**
- **Automatically optimizing all aspects of operation.**

By DAkkS according to DIN EN ISO / IEC 17025: 2005 accredited laboratory.
The accreditation is valid only for the certificate system D-K-15055-01-00
listed accreditation scope.



PPCH is more than a pressure controller

The PPCH, made by DH Instruments in Phoenix / USA, is a excellent pressure controller/ calibrator. The quartz reference pressure transducer (Q-RPT) modules increase precision and reduce measurement uncertainty.

It is qualified for modern calibration-station and ambitious factories.

Transfer-pressure gauge

The measuring element of the PPCH works by the principle of the quartz reference pressure transducer (Q-RPT) modules with an accuracy of $\pm 0,012\%$ of reading (Auto range function).

The PPCH gauge is temperature compensated. This makes it possible to use the PPCH in different environmental conditions.

Pressure controller

The pressure can be controlled by using a front console or software, The PPCH got a RS232 and a IEEE 488 interface. The software "COMPASS for pressure" (optional) is able to do a hands off calibration including the printout of the calibration certificate.

Pressure range

Each PPCH is available with one or two transducer. By using a calibration certificate every transducer reduces the measurement accuracy to a national standard.

The measuring ranges of the PPCH are gauge and absolute.

Following transducers are available.

A200M:	200 MPa absolute	200 MPa (2000 bar) gauge
A140M:	140 MPa absolute	140 MPa (1400 bar) gauge
A100M:	100 MPa absolute	100 MPa (1000 bar) gauge
A70M:	70 MPa absolute	70 MPa (700 bar) gauge
A40M:	40 MPa absolute	40 MPa (400 bar) gauge
A20M:	20 MPa absolute	20 MPa (200 bar) gauge