

MPB SERIES CP100 CALIBRATION CYLINDER

GENERAL INFORMATION

This range of precision calibration cylinders has been designed to meet the requirements of high accuracy and robust construction and is particularly suited to offshore and onshore petrochemical installations.

This product range can be supplied with either threaded or flanged connections to customer requirements.

The MPB Series CP100 Calibration Cylinder is ideal for use as a pump setting gauge, or pump rate checking.

Materials of construction include 316 Stainless steel, Super Duplex Stainless steel, Titanium, Hastelloy, rigid PVC and polypropylene. These are typical of the specifications MPB can provide.

CP100 Calibration Cylinders conform to the 2014/68/EU Pressure Equipment Directive. The category of SEP applies, this is based on the process fluid being a Group 1 liquid with a vapour pressure of less than 0.5 bar and a cylinder volume of less than 200 bar litre.

MPB SERIES CP100 FEATURES

- EASY TO READ
- CALIBRATED SCALES WITH TRACEABLE CERTIFICATES
- THREADED, OR FLANGED CONNECTIONS
- PRECISION BORE BOROSILICATE GLASS CYLINDERS
- PROTECTION COVERS AVAILABLE IF REQUIRED
- PERMANENTLY FIRED SCALES WITH WHITE BACKING TO GIVE EXCELLENT CLARITY
- PUMP SETTING GAUGE
- PUMP RATE CHECKING



MPB SERIES CP100 CALIBRATION CYLINDER

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| <p>End Connections: 316 Stainless steel, Super Duplex Stainless steel, Titanium, Hastelloy, Rigid PVC and Polypropylene, Threaded, or flanged to customer requirements. Fully certified where requested.</p> <p>Seals: Nitrile, Viton, EPDM, etc</p> <p>Cylinder: Precision bore borosilicate glass</p> | <p>Scale: Permanently fired black ceramic</p> <p>Maximum Working Temperature: 60°C RPVC 100°C Stainless steel</p> <p>Accuracy: ± 2% of actual reading</p> <p>Options: 316 Stainless Steel Safety Cover Mounting Brackets</p> |
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| CAPACITY | CONNECTION | DRAWING NUMBER | MAXIMUM WORKING PRESSURE |
|----------|------------|----------------|--------------------------|
| 50ml | ½" NPT | MPVA 484S | 14.4 bar g |
| 100ml | ½" NPT | MPVA 484E | 11.8 bar g |
| 150ml | ½" NPT | MPVA 484T | 11.5 bar g |
| 200ml | ½" NPT | MPVA 484U | 10.0 bar g |
| 250ml | ½" NPT | MPVA 484F | 10.0 bar g |

For capacities up to 20ml - see MPBTB 087 (CP1200)

For capacities from 500ml to 10,000cc - see MPBTB 077 (CP110)

For alternative capacities and connections, please contact MPB Sales Office with precise requirements



Protective covers and mounting brackets are available for all capacities if required



MPB Industries Ltd - Designers and Manufacturers of Scientific and Process Control Instrumentation

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