

Beamex POC8

AUTOMATIC PRESSURE CONTROLLER

79977348759834759833
87984654546546
79977348759834759833
655387875684653403

115



Pressure calibration made fast and easy

An accurate and user-friendly automatic pressure output controller

The Beamex POC8 is an accurate and user-friendly automatic pressure output controller, providing regulated output from vacuum to 210 bar (3045 psi). A POC8 can be equipped with 1–2 internal measurement modules and an optional barometric module. The POC8 can be delivered as a panel mounted to the Beamex MCS200 modular test and calibration system or as a portable desk top version.

The POC8 can be used as a stand-alone pressure controller or it can be integrated into the Beamex calibration system. Together with the MC6 and Beamex CMX calibration software, the POC8 offers a fully automated, integrated solution for performing, documenting and managing calibrations easily, efficiently and accurately.

116

Main features of the POC8

User friendly

With its 7" color LCD display with touch screen, the POC8 is fast and efficient to use. The user interface includes more than 10 different language options.

Panel mounted to a Beamex workstation

The POC8 can be used as panel mounted to a Beamex MCS200 modular test and calibration system.

Desk top version

The POC8 can also be used as a desk top pressure controller, which makes it a very mobile solution.

Part of Beamex integrated calibration solution

Together with the Beamex MC6 or MC6 Workstation calibrators as well as the Beamex CMX calibration management software, the POC8 offers an integrated, automated calibration system for performing, documenting and managing calibrations easily and efficiently.



General specifications

| FEATURE | SPECIFICATION |
|------------------------------------|--|
| Display | 7" color LCD display with resistive touch screen |
| Weight | 12.7 kg (28 lb) (with all modules installed) |
| Dimensions | Portable: 346(w) x 145(h) x 388 (d) mm Panel mounting: 400 (w) x 200 (h) mm |
| Communication | USB |
| Power consumption | max 150 VA |
| Warranty | 2 years |
| Supported User interface languages | English, German, French, Spanish, Italian, Japanese, Chinese, Korean, Polish, Portuguese, Russian |
| Connections | Pressure supply, vacuum supply, measure/control. All connections 7/16-20 F UNF, provided with low or high pressure adapters. |

SPECIFICATIONS

| FEATURE | SPECIFICATION | | |
|--|--|---------------------------|---------------------------|
| Available ranges | CONTROL UNIT | | |
| | MEASUREMENT RANGE | 10 bar / 145 psi | 100 bar / 1450 psi |
| | | 210 bar / 3045 psi | |
| | ± 350 mbar / 5 psi | • | - |
| | ± 1 bar / 14.5 psi | • | - |
| | Vacuum to 6 bar / 87 psi | • | • |
| | Vacuum to 10 bar / 150 psi | • | • |
| | Vacuum to 20 bar / 290 psi | - | • |
| | Vacuum to 100 bar / 1450 psi | - | • |
| | Vacuum to 210 bar / 3045 psi | - | • |
| | Custom range within -1 ... 210 bar | • | • |
| | Barometric module | • | • |
| The maximum controlled pressure is the same as the highest installed pressure measurement range. | | | |
| 1 year uncertainty | 0.02% of span (active range) | | |
| Pressure units | 38 units and two user programmable | | |
| Control stability | 0.005% of Span (active range) | | |
| Test volume | 0 ... 1,000 ccm | | |
| Pressure media | Dry, clean air or nitrogen | | |
| Overpressure protection | Safety relief valve fixed | | |
| Resolution | 4 to 6 digits | | |
| Max overpressure | Supply port 110% FS Measure/control port: 105% FS | | |
| Supply pressure range | Maximum 110% FS of control range. Minimum 1.38 bar (20 psi) over the required controlled pressure. | | |
| Operation temperature | 15 to 45 °C | | |

INSTALLATION ALTERNATIVES

- Portable unit
- Panel mounted to a workstation

OPTIONS

- Barometric precision reference
 - enables absolute range
- Panel mounting kit

STANDARD ACCESSORIES

- User guide
- Accredited calibration certificate
- Mains cable
- Connecting kits for:
 - High pressure and vacuum supply or
 - Low pressure and vacuum supply with appropriate pressure adapters and hoses

OPTIONAL ACCESSORIES

- Beamex DMT dirt and moisture trap
- Pressure hoses and connectors

Beamex POC8

AUTOMATIC PRESSURE CONTROLLER

The Beamex POC8 is an accurate and user-friendly automatic pressure output controller, providing regulated output from vacuum to 210 bar (3045 psi). A POC8 can be equipped with 1–2 internal measurement modules and an optional barometric module. The POC8 can be delivered as a panel mounted to the Beamex MCS200 modular test and calibration system or as a portable desk top version. The POC8 can be used as a stand-alone pressure controller or it can be integrated into the Beamex calibration system. Together with the MC6 and Beamex CMX calibration software, the POC8 offers a fully automated, integrated solution for performing, documenting and managing calibrations easily, efficiently and accurately.

User friendly

With its 7" color LCD display with touch screen, the POC8 is fast and efficient to use. The user interface includes more than 10 different language options.

Panel mounted to a Beamex workstation

The POC8 can be used as panel mounted to a Beamex MCS200 modular test and calibration system.

Portable desk top version

The POC8 can also be used as a desk top pressure controller, which makes it a very mobile solution.

Part of Beamex integrated calibration solution

Together with the Beamex MC6 or MC6 Workstation calibrators as well as the Beamex CMX calibration management software, the POC8 offers an integrated, automated calibration system for performing, documenting and managing calibrations easily and efficiently.



Main features

- ▶ User-friendly
- ▶ Part of the Beamex integrated calibration solution
- ▶ Can be used as a stand-alone pressure controller
- ▶ Automatic pressure calibrations
- ▶ Portable or bench mounted