

# OMESS-CALIBRATOR

OM.H-P 591



The portable calibrator OM.H-P 591 is used for pneumatic tests and calibrations of measurement and control equipment during commissioning and inspections. The high-pressure Calibrator is suitable for simulating overpressure.

Air or nitrogen pressures up to 200 bar can be simulated, depending on the equipment. A compressed air or nitrogen bottle with a capacity of 2 litres and a nominal pressure of 200 bar is integrated in the calibrator, and can be filled through a

filler neck. One type P series digital manometer is fitted optionally on each change adapter or in the front plate. The pressure can be finely adjusted with a precision high-pressure regulator. After the straight-way valve has been closed, the exact pressure can be set with the variable volume, which enables the test pieces to be tested precisely. Minimes screw series 1215 safety screw connections can be attached and detached safely even under pressure.

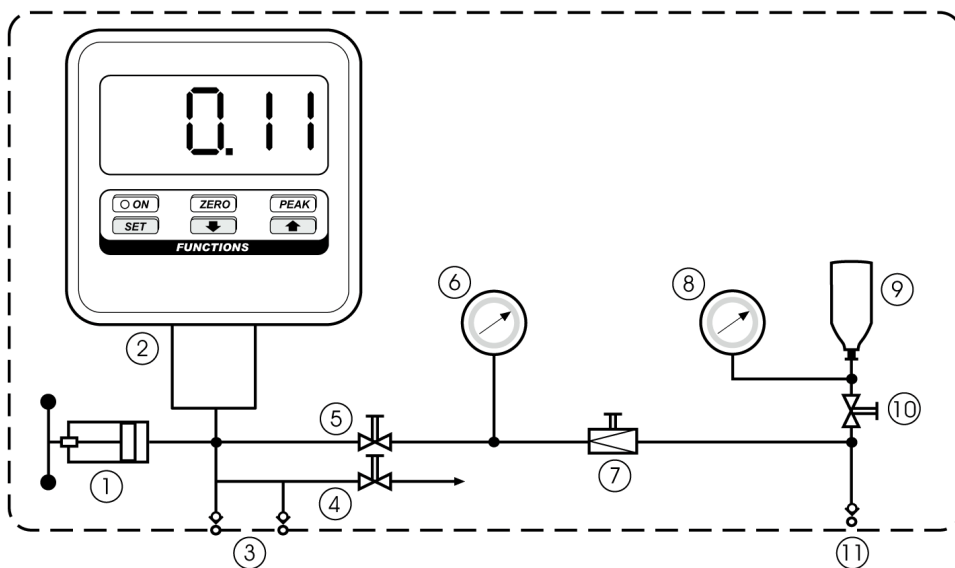
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## Technical specifications:

Measuring instrument:	Digital manometer, type P
Measuring ranges:	up to 200 bar
Accuracies:	see type P data sheet
Measuring fluids:	compressed air or nitrogen
Pneumatic ports:	Minimess screw series 1215/1620
Operating temperature:	0 °C to +50 °C
Storage temperatures:	-10 °C to +60 °C
Dimensions:	approx. (460 x 350 x 210) mm
Weight:	approx. 11 kg

## Layout:



- |  |   |
|--|---|
| 1 Vario volum  | 7 Precision high-pressure regulator                                       |
| 2 Digital manometer, type P  | 8 Small manometer, diameter 63 mm, as an indicator of the bottle pressure |
| 3 Test unit socket, minimess screw series 1215   | 9 Compressed air or nitrogen bottle                                       |
| 4 Bleeder valve  | 10 High-pressure shut-off valve   |
| 5 Shut-off valve   | 11 External air entry or filling neck of the minimess screw port 1215     |
| 6 Small manometer, diameter 63 mm, matched to measuring range of the digital manometer |   |

## Accessories:

- High-pressure test hose in the lid, approx. 2 m long
- operating manuals
- certificate of compliance

## Options:

- PC operator software
- factory certificate
- DAkkS -certificate

subject of modification

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