

OMESS-CALIBRATOR

OM.H-DM 591/592



The portable calibrator OM.H-DM 591/592 is used to make 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 90 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.

Either one or two digital manometer HM 35 is fitted optionally on each change adapter. 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.

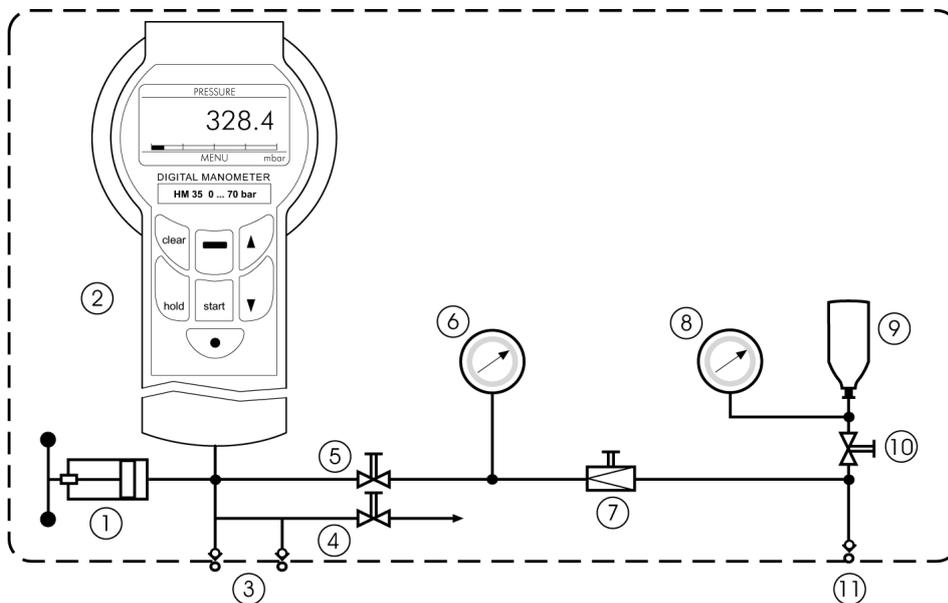
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Technical specifications:

Measuring instrument:	Digital manometer typ HM 35
Measuring ranges:	up to 90 bar
Accuracies:	see type HM 35 data sheet
Measuring fluids:	compressed air or nitrogen
Pneumatic ports:	Minimes screw series 1215/1620
Operating temperature:	0 °C to +50 °C
Storage temperatures:	-10 °C to +60 °C
Dimensions:	approx. 200 x 94/58 x 40/28 mm
Weight:	approx. 11 kg

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Layout:



- 1 Vario volume
- 2 Digital manometer, type HM35
- 3 Test unit socket, minimes screw series 1215
- 4 Bleeder valve
- 5 Shut-off valve
- 6 Small manometer, 63 mm Ø, matched to measuring range of the digital manometer
- 7 Precision high-pressure regulator
- 8 Small manometer 63 mm Ø, as indicator of the bottle pressure
- 9 Compressed air or nitrogen bottle
- 10 High-pressure shut-off valve
- 11 External air entry or filling neck of the minimes screw port 1215

Accessories:

- High-pressure test hose in the lid, approx. 2 m long
- operating manual

Options:

- PC operator software
- factory certificate
- DAkkS -certificate

subject of modification

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