

# OMESS-CALIBRATOR

OM-DM 921



In this handy calibrator a digital manometer of the Swiss producer HUBER AG with the distinction of high precision, temperature compensation and long-term stability is built in. Pressure is generated by the integrated hand pump, the variable bellows serves fine pressure tuning and precise generation

of low pressures. At request, this instrument can be supplied with five additional gauging ports (quick connectors), so that various blood pressure manometers can be checked simultaneously to save time and costs. An infrared interface for pc connection is also available.

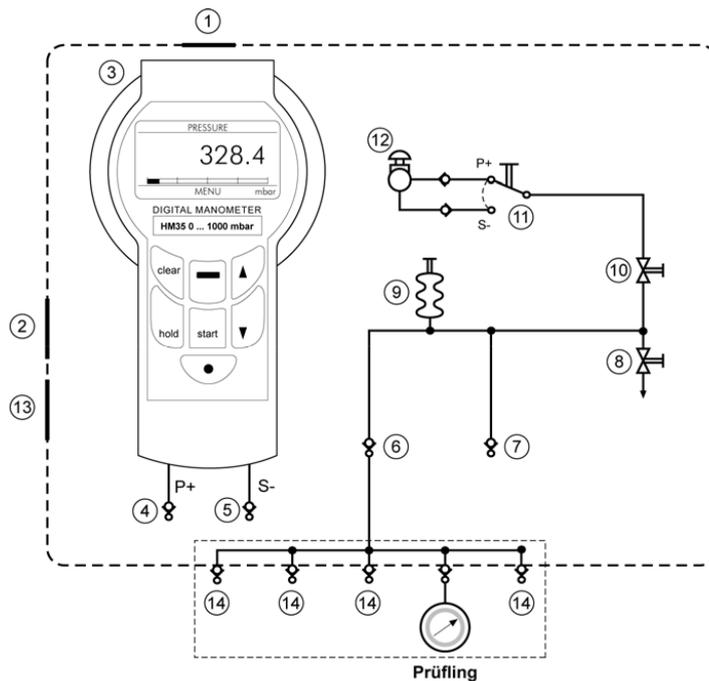
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## Technical specifications:

Measuring instrument:	Digital manometer TYPE HM35
Measuring range:	0 - 375 mm Hg
Overload rating:	3000 mm Hg
Accuracy:	0.1% of final value
Measuring fluids:	Inert gases/Instrument air
Pneumatic ports:	Quick-fitting coupling
Operating temperature:	-5°C to +50°C
Storage temperature:	-40°C to +85°C
Dimensions:	approx. 260 mm x 170 mm x 190 mm
Weight:	approx. 3 kg

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## Layout:



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|--|--|
| 1 INFRARED SENSOR<br>for connecting a IrDA adapter<br>(for further information, see the operating<br>manual for the HM35 digital pressure gauge) | 10 STRAIGHT-WAY/CUT-OFF VALVE  |
| 2 LOW VOLTAGE SOCKET<br>for connecting the plug-in power supply unit<br>(220 V DC/50 Hz)   | 11 OVER/UNDERPRESSURE SWITCH<br>Overpressure or negative overpressure<br>can be generated by the hand pump<br>depending on the switch position.                        |
| 3 DIGITAL MANOMETER TYPE HM35  | 12 HAND PUMP<br>with corresponding non-return valves<br>for generating a relative overpressure<br>of 500 mbars, and a maximum relative<br>partial vacuum of -500 mbars |
| 4 "P+" PORT (OVERPRESSURE)   | 13 BATTERY COMPARTMENT<br>for three type LR6 batteries   |
| 5 "S-" PORT (NEGATIVE OVERPRESSURE)  | 14 UNIT UNDER TEST PORTS (OPTION)<br>self-closing quick-fitting couplings  |
| 6 PRESSURE MANIFOLD PORT   |  |
| 7 UNIT SOCKET<br>Standard: hose connector for connecting<br>a Ø 6/4 mm hard or soft plastic hose, secured<br>by a union nut.                     |  |
| 8 BLEEDER VALVE  |  |
| 9 VARIABLE BELLOWS<br>for the fine adjustment of the pressure<br>generated by the hand pump  |  |

subject of modification

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