

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.

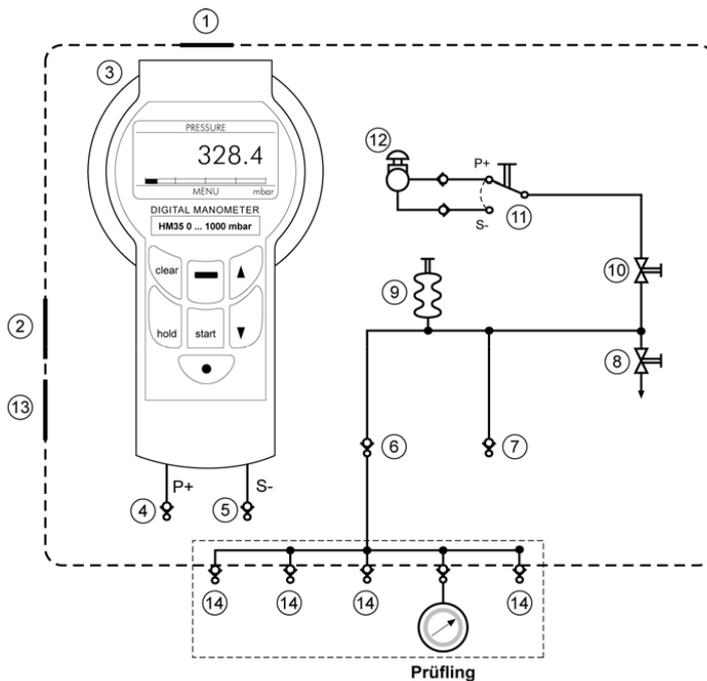
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Technical specifications:

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

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