

OMESS-CALIBRATOR

OM-HM 621S



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 RS-232 interface can be supplied for PC connection.

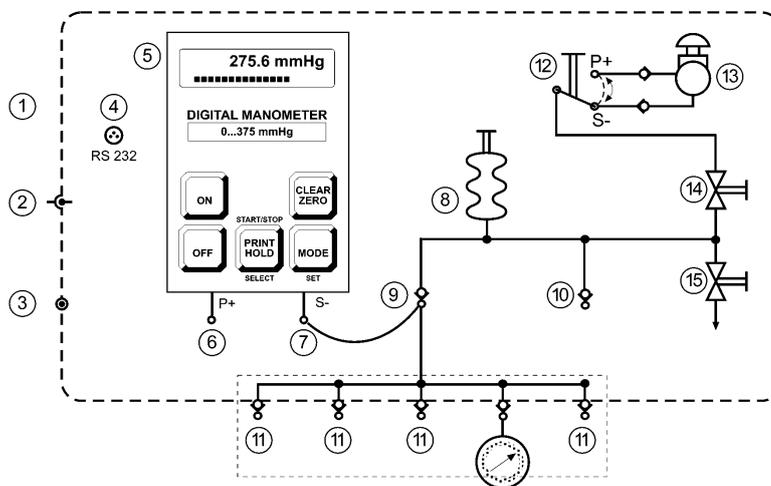
OMESS-CALIBRATOR

Technical specifications:

Measuring range:	0...375 mmHg
Units of measurement interchangeable:	e. g.: mbar, Pa, psi, inHg
Accuracy:	0.1 % of final value ±1 digit
Overload rating:	up to 1.500 mmHg
Temperature calibration:	10 °C ... 35 °C
PC interface:	RS 232
Power supply:	9 V battery, accumulator or plugged power pack
Pneumatic ports:	quick-fitting couplings
Dimensions:	approx. (230 x 150 x 190) mm
Weight:	approx. 3,7 kg

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Layout:



- | | |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Battery compartment for 9 V DC battery | 11 Unit under test port (option)
self-closing quick-fitting couplings |
| 2 Plugged power pack connecting socket
(230 V/50 HZ) | 12 Pressure selector switch
Positive or negative overpressure can
be generated by the hand pump
depending on the switch position. |
| 3 Ground socket | 13 hand pump
With corresponding non-return valves
for generating a maximum relative
overpressure of 500 mbar, and a
maximum relative partial vacuum
of -500 mbar |
| 4 RS 232 interface | 14 Straight-way/cut-off valve |
| 5 Digital manometer typ HM28 | 15 Bleeder valve |
| 6 „P+“ port (overpressure)
open rapid-action coupling | |
| 7 „S-“ port (partial vacuum)
open quick-fitting coupling | |
| 8 Vario bellow
(fine adjustment of pressure generated
by hand pump) | |
| 9 Pressure manifold port
self-closing rapid-action couplings | |
| 10 Unit under test port
self-closing quick-fitting couplings | |

subject of modification

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