TECHNICAL DATA SHEET

The variable pressure measuring device for testing and adjusting the perfect system pressure

The ecom-DP is a compact, flexible pressure measuring device developed for precise measuring tasks in the field of gas installations and differential pressure testing. The device can be individually configured depending on the area of application. The six adjustable units, functions such as min/max values, damping, freeze and the DP logger software make operation particularly convenient.
Thanks to its compact design, robust housing, magnetic clamp on the back and mains-independent use, the ecom-DP is ideal for mobile use - wherever precise pressure measurement is required.

ecom-DP

MOBILE PRESSURE MEASUREMENT

Dimensions: approx. 170 x 75 x 35 mm (W x H x D)
Weight: ca. 300 g

Technical data

Purpose	
√ = Standard; ● = Optional	
Chimney draft measurement	•
Gas burner adjustment Device connection pressure (flow pressure) Nozzle pressure (flow pressure) Gas operation pressure (plant pressure) Static pressure	√
Blower pressure	√
Parallel measurement by second pressure sensor	•

Range	Resolution	Accuracy	
For variant with one pressure sensor 1.500 hPa			
0 - 1.500 hPa	0,1 hPa	± 3 % of measured value	•
0 - 1.530 cmH_2O	0,1 cmH_2O	± 3 % of measured value	•
0 - 1.125 mmHg	0,1 mmHg	± 3 % of measured value	•
0 - 21 PSI	0,01 PSI	± 3 % of measured value	•
0 - 600 "H_2O	0,1 "H_2O	± 3 % of measured value	•
0 - 44 "Hg	0,01 "Hg	± 3 % of measured value	•
For variant with pressure sensor 70 hPa			
0 - 70 hPa	0,01 hPa	± 3 % of measured value	•
0 - 71 cmH_2O	0,01 cmH_2O	± 3 % of measured value	•
0 - 52 mmHg	0,01 mmHg	± 3 % of measured value	•
0 - 1 PSI	0,001 PSI	± 3 % of measured value	•
0 - 28 "H_2O	0,01 "H_2O	± 3 % of measured value	•
0 - 2 "Hg	0,001 "Hg	± 3 % of measured value	•
For variant with HQ sensors		< 0,5 % of the measuring range end value	•

Equipment

Connections	
PU connection tubing with quick coupling	√
Data processing	
Infrared thermal printer	•
Data storage and data logging via PC software	√
Data display	
Graphic display, backlit	√
Transport	
Plastic transport case	•

Variety of variants

1 sensor 1.500 hPa
2 sensors 1.500 hPa
2 sensors 1.500 hPa HQ
1 sensor 70 hPa + 1 sensor 1.500 hPa
1 sensor 70 hPa + 1 sensor 1.500 hPa HQ
2 sensors 70 hPa

As of 08/26, design and technical changes as well as possible printing errors are subject to change.

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Measurement Technology