

Overview of technical data

√ Standard • Option x Not possible

Pressure meter model	UNO200	DP	DP Engine	DP Profi Set	DP3
Application Operation purpose					
Chimney draught measurement	x	•	x	x	•
Fine pressure measurement	x	x	x	x	•
Gas burner adjustment Device connection pressure (flow pressure) Nozzle pressure (flow pressure) Gas operation pressure (plant pressure) Static pressure	√	√	√	√	√
Check of gas pipelines Tightness check according to TRGI (150 hPa) Stress test according to TRGI (1 bar) Leak rate measurement in relation to usability test according to TRGI	x	•	x	•	√
Blower pressure	√	√	x	√	√
Check of water pipelines (wet or dry) Tightness check of compression connectors (6 bar) Tightness check according to DIN EN 804-4 - drinking water resp. air pressure (up to 11 bar)	x	x	x	x	•
Check of sewage plants According to DIN 1610	x	x	x	x	•
Check of liquid gas pipelines Tightness check according to TRF (150 hPa) Strength test according to TRF (1 bar)	x	x	x	x	•
Check of heating plants according DIN 18380 2,5 or 3 bar - according to response pressure of safety valve	x	x	x	x	•
4 Pa test	x	x	x	x	•
Flow pressure	x	x	x	x	•
Parallel measurements with a second pressure sensor	x	•	•	•	•
Tightness check at gas valves	x	x	x	√	x
Adjustment of gas engines Gas pressure check (± 80 hPa to 8 bar) Differential pressure at intercooler (± 20 to 700 hPa) Exhaust excess pressure (± 5 to 120 hPa) Difference pressure at BlowBy-filter (5 to 50 hPa) Crank case pressure (- 5 to 100 hPa)	x	x	√	x	x
Range	Resolution	Accuracy			
0 - 70 hPa	0,01 hPa	< 3 % of measured value			
0 - 200 hPa	0,01 hPa	1 % of measured value			
0 - 1500 hPa	0,1 hPa	3 % of measured value (depending on installed sensor higher)			
0 - 1 bar	0,1 bar	0,3 % full scale value			
0 - 10 bar	0,001 bar	0,5 % full scale value			
0 - 20 bar	0,01 bar	0,5 % full scale value			
0 - 40 bar	0,01 bar	0,5 % full scale value			
Two parallel measurements possible					
Indication					
Integral display, one-line	√	x	x	x	x
Integral display, multi-line	x	√	√	√	√
Printer					
Data transfer capability to infrared printer	x	√	√	√	x
Thermal quick-printer, integral	x	x	x	x	√
Power supply					
Customary one-way batteries	√	√	√	√	x
Rechargeable batteries	x	•	•	•	x
Lithium-Ion battery	x	x	x	x	√
Main power/ battery operation	x	√	√	√	√
Battery charger included	x	x	x	x	√

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Pressure meter model	UNO200	DP	DP Engine	DP Profi Set	DP3
Connections					
USB interface for data transfer	x	√	√	√	√
Multi-function interface (AUX connection)	x	x	x	x	√
Data processing					
Internal memory	x	√	√	√	x
SD card as memory	x	x	x	x	√
Long-lasting measurements on SD card	x	x	x	x	√
Data exchange with PC program (DP Logger)	x	√	√	√	x
Data exchange with PC program (DP3 Report)	x	x	x	x	√
Transport					
Fabrics protection pouch	√	x	x	x	x
Plastics transport case	x	•	•	√	x
Hardtop transport case	x	x	x	x	√
Accessories					
Simultaneous temperature measurement	x	x	x	x	√
TRGI kit (hoses, quick-couplings, various test stopples, one-pipe counter cap, stop valve)	x	•	x	x	√
Adjustment kit for gas burners (3 connection hoses, 2 stopples, cross-piece with stop valve, bellow)	x	x	x	√	x
Hoses set for operation pressure up to 1 bar (2 hoses with quick-/screw coupling)	x	x	•	x	x
Hoses set for operation pressure up to 10 bar (2 hoses with quick-/screw coupling)	x	x	•	x	x