

ecom-DP3

The fully automatic pressure measuring device
performing any TRGI task



DVGW tested



MOBILE PRESSURE MEASUREMENT

Made in Germany



Time saving

Result available after just a few minutes thanks to fully automatic leak rate determination



Efficient

No external pressure source required thanks to the integrated pump up to 1.5 bar



Secure

Standard-compliant documentation thanks to internal printer, memory card and PC software



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ecom[®]
Measurement Technology

THE COMPACT CASE SOLUTION

Pressure and leak tests on gas and water pipes



- With integrated pump or pressure build-up to 1.5 bar
- Fully automatic test routines
- Internal thermocouple for temperature monitoring
- Further measurements with external sensors up to 40 bar (20 or 40 bar sensor) possible
- Integrated thermal high-speed printer
- Includes SD card for measurement data storage and evaluation via free PC software DP3 Report

Measurement tests	✓ Standard	• Option
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		✓
Blower pressure		✓
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)		•
Wastewater system testing in accordance with DIN 1610		•
Check of liquid gas pipelines		
Tightness check according to TRF (150 hPa)		•
Strength test according to TRF (1 bar)		•
Check of heating plants according DIN 18380		
2,5 or 3 bar according to response pressure of safety valve		•
4 Pa test		•
Flow measurement		•
Chimney draft measurement		•
Fine pressure measurement		•

Measurement ranges			✓ Standard	• Option
Range	Resolution	Accuracy		
0...1500 hPa	0,01 hPa	< 3 % of reading		✓
0...20 bar	0,01 bar	0,5 % of measure range end value		•
0...40 bar	0,01 bar	0,5 % of measure range end value		•
Two parallel measurements possible				•

Extensive accessories included

- Connection hose
- Silicon hose
- Y-formed adapter
- Test plug
- T-piece
- High pressure test plug
- Single-tube meter cap
- Closure plug
- Shut-off valve
- Mini-ball valve



External pressure sensor
with measuring range of 0-20
or 0-40 bar



Contact sensor
for differential temperature
measurement



ecom-LSG
for leak detection fo
flammable gases



e.CLOUD by ecom
digital measurement and
customer data management

