

# E.DP3

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



ecom GmbH  
Am Großen Teich 2  
58640 Iserlohn  
info@ecom.de

**ecom**<sup>®</sup>  
Measurement Technology

„Only exact values ensure a safe gas combustion plant.“

# 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
<b>Gas burner adjustment</b>		
Device connection pressure (flow pressure)		
Nozzle pressure (flow pressure)		✓
Gas operation pressure (plant pressure)		
Static pressure		
<b>Check of gas pipelines</b>		
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		✓
<b>Check of water pipelines (wet or dry)</b>		
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		•
<b>Check of liquid gas pipelines</b>		
Tightness check according to TRF (150 hPa)		•
Strength test according to TRF (1 bar)		
<b>Check of heating plants according DIN 18380</b>		
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

