

# MPG Leak Test Device

Testing Waste Product Pipes by the Pressure Drop Method  
High Pressure Test of Water and Gas Pipes

## Description

Using air to test for leaks is the quickest and most economical procedure for determining whether there are leaks in waste product pipes. The information sheet DIN EN 1610 for new systems and the information sheet DWA 143-6 and DIN 1986-30, for old systems have become established as the test standards in Germany.

The MPG permits the testing and evaluation of pipelines and waste product pipes as water and gas pipes in both the public and the private spheres (house connections).

For pressure build-up, the test device has an integrated safety fitting that during the injection of compressed air from a compressor permits the pipeline to be filled to the preset test pressure, permits the testing of the pipeline, and also the release of the test pressure.

Test documentation can take place both directly on site via the optional integrated tape printer and afterwards via a detailed test protocol generated automatically by the PC.

Whether for test personnel, renovation companies doing total upgrades, or civil engineering companies, for everyday use on construction sites the MPG is the most handy, sturdy and easily operated leak test device.



Messen Nord  
Gesellschaft für Mess-, Sensor- und Datentechnik mbH

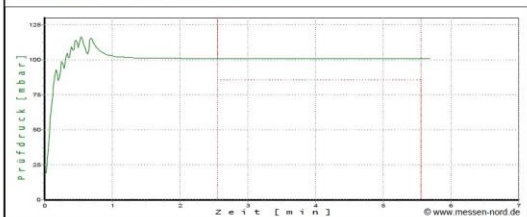
Zum Forsthof 2  
18198 Stäbelow

Tel.: 038207 / 656-0 Fax: 038207 / 656-66



### Dichtheitsprüfung nach DIN EN 1610 (Verfahren Luft)

<b>Auftraggeber:</b>	Firma Mustermann	<b>Telefon:</b>	
<b>Straße:</b>	Musterstrasse 1		
<b>Ort:</b>	12345 Musterstadt		
<b>Bauvorhaben:</b>	Erschließung Gewerbegebiet		
<b>Prüfobjekt:</b>	Musterhaltung		
<b>Straße:</b>			
<b>Ort:</b>			
<b>Prüfabschnitt:</b>	von Schacht:		
<b>nach Schacht:</b>			
<b>Info:</b>			
<b>Hal tung:</b>	Kanal Straßenunterführung		
<b>Material:</b>	Stirnzeug		
<b>Querschnitt:</b>	Kreis		
<b>Abma ße:</b>	150 mm		
<b>Länge:</b>	25.00 m		
<b>Prüfverfahren:</b>	Rohrleitungsprüfung	<b>Prüfdruck:</b>	100.0 mbar
<b>Prüfzeit:</b>	3.0 min	<b>zul. Druckabfall:</b>	15.0 mbar
<b>Beginn Füllen:</b>	15.02.2015 11:59:51	<b>bei Druckwert:</b>	19.2 mbar
<b>Beginn Prüfung:</b>	15.02.2015 12:03:38	<b>bei Druckwert:</b>	100.9 mbar
<b>Prüfungsende nach:</b>	3.0 min	<b>Druckabfall:</b>	0.3 mbar
<b>Prüfresultat:</b>	Prüfung bestanden		
<b>Prüfer:</b>		<b>Prüfgerät ROHRTEST:</b>	RT4 #000000
		<b>Drucksensor:</b>	
<b>Bemerkung:</b>			
<b>Protokolldatei:</b>	070215115951.DAT		



Prüfdatum	Prüfer	Auftraggeber
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## Technical Parameters

Power supply: 230 V AC , 12 V DC, accumulator

Leak tests in accordance with:  
EN 1610 / EN 805  
DWA-M 149-6 / DIN 1986 – 30  
DVGW W 400-2 / DVGW G 469  
Special test (free parameters)

Tape protocol via optionally integrated printer:  
Date und time of the test,  
Pressure values and test result

Protocol generated via PC:  
Supplier / Contractor data  
Description of the object to be tested  
Test guidelines / Test result  
Pressure variation graphic (in colour)

Meas. range: 0 ... + 1000 mbar  
Accuracy: +/- 1.0 mbar

Delivery:

- Measuring box with integrated test computer and data storage for 50 tests, graphic displays and PC interfaces (USB)
- Integrated accumulator
- Integrated air injection device with pressure reducer, change-over valve, and overload safety valve
- connection cable 230 V and PC
- PC test software and manual

Options:

- Integrated tape printer
- Test hose 5 m
- High pressure test up to 25 bar
- Water loss test acc. to DIN 1986-30