



Dräger P4000 Pressure and Leak Testing

The multifunction Dräger P4000 for testing natural gas lines, liquefied petroleum gas lines and drinking water systems is particularly handy and light. The ready-made measuring programs according to regulations for all common testing greatly simplifies everyday work.



Product advantages

Line testing

In addition to manual pressure measurement and leak testing, the device includes default measuring programs for:

- Leak testing (150 hPa) and loading test (0.1 MPa) on gas lines (DVGW TRGI)
 - Combined leak and loading test (0.3 bar) on gas lines (DVGW TRGI)
 - Leak testing (150 hPa) and strength test (0.1 MPa) on liquefied petroleum gas lines (TRF)
 - Leak testing (150 hPa) and loading test (0.1 MPa or 0.3 MPa) on drinking water systems (DIN EN 806)
 - Leak testing with water (0.6 MPa) for crimp connections in drinking water systems (DIN EN 806)
 - Leak testing with water (1.1 MPa) on drinking water systems (DIN EN 806)
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Default measuring programs

The Dräger P4000 includes general measuring programs and special measuring programs for common testing with specified parameters according to regulations or standards. Live diagrams on the display ensure you are able to track the measurement process.

Pressure measurement up to 25 bar

The internal pressure measuring range of 160 hPa can be extended with the use of optional digital pressure sensors for 3.5 (0.35 MPa) or 25 bar (2.5 MPa).

Leak testing per DVGW TRGI 2018

The Dräger P4000 quickly and accurately detects leaks in new or existing circuits. And leak testing is entirely automated.

High resolution colour touch screen

A modern colour touch screen guarantees intuitive use of the device. You can navigate through the menus at the touch of a finger – without detours and quite simply. Just touch the touch screen gently and the Dräger P4000 is immediately ready for use. Whether loading tests, leak tests or general pressure tests – simply tap the desired equipment function and the device does it all.

Light weight and handy format

At 220 g, the Dräger P4000 is a lightweight and the ergonomic housing makes it particularly comfortable.

Online update system

The device can be updated to new standards for future program upgrades or revisions with the Dräger online update.

Documentation

Measurements can be documented on site via IR printer or saved to the customer data manager on the device.

Saved data can be transferred to the PC measurement data manager.

The company logo and company address can easily be added to measurement report templates. The PC software also facilitates import and export functions, customer, system and inspector management.

Access measurements anywhere, any time with the app Dräger mCon* (option Bluetooth LE)

The app ensures ultimate mobility and instant access to all current measurement data. All data is transmitted straight from the analyser to a smartphone or tablet via Bluetooth and is immediately available as a remote display. Measurements can be saved and sent by e-mail.

***App Dräger mCon on request.**

Accessory

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Gas pressure hose with bayonet connector

For measuring gas and flow pressure

5600876



Pump adapter 150 mbar with automatic valve connection (P4000)

5600882



Pump adapter 10 bar with automatic valve connection (P4000)

5600813



1/2" adapter (max. 30 bar)

Accessory



5600842

Single pipe cover



5600875

Pressure sensor EP35 with automatic valve connection (P4000)



5600877

Pressure sensor EP250



5600881

Equipment case P4000

Accessory



Hand pump



MSI IR3 Infrared printer

Instantly documents all values and results

Related product groups



Dräger P3

The handy Dräger P3 pressure tester allows for quick and easy differential pressure measurements. The ideal tool for service and maintenance, the device performs a variety of measuring tasks.

Technical Data

Display	Colour touch screen
Interface	USB for PC connection, infrared for printer
Power supply	Rechargeable battery: Li-ion, 3.6 V / 1,500 mAh; power adapter: 5 V DC / 1 A
Operating time	Up to 10 h
Operating temperature	+ 5 °C ... + 40 °C
Storage temperature	- 20 °C ... + 50 °C
Air pressure	800 ... 1,100 hPa
Humidity	10-90 % RH non-condensating
Dimensions	Approx. 75 x 170 x 27 mm (wxhxd)
Weight	Approx. 220 g

Display	Measuring Range	Resolution	Accuracy	Max. gauge pressure
Micro-pressure I (air / gas)	- 10 ... + 100 hPa	0.01 hPa	0 ... + 100 hPa: ± 0.5 hPa or 1 % of MV ¹	750 hPa
Micro-pressure II (air / gas)	- 10 ... + 160 hPa	0.1 hPa	- 10 ... + 160 hPa: <± 0.5 hPa or 5 % of MV ¹	750 hPa
Pressure (ext. sensor, option air / gas)	- 100 ... + 3,500 hPa	1 hPa	- 100 ... + 3,500 hPa: 1 % of MR ²	4,000 hPa
High pressure (ext. sensor, option air / gas / liquids)	0.1 ... 2.5 MPa	0.001 MPa	0.01 ... 2.5 MPa: 1 % of MR ²	35,000 hPa

Order information

Accessory	
MSI IR3 Infrared Printer	56 00 401
Printer paper, packing unit 5 rolls	56 90 151

Sets	
Set Dräger P4000 3,5 bar Incl. pressure measuring instrument Dräger P4000, USB cable, USB power supply, pressure hose P4000, pump adapter 150 mbar with quick coupling and valve connection, pressure sensor EP35 with quick coupling and valve connection, ½" adapter with quick coupling, single pipe cap with quick coupling, hand pump, case, bumper, PC software*	56 03 059
Set Dräger P4000 25 bar Incl. pressure measuring instrument Dräger P4000, USB cable, USB power supply, pressure hose P4000, pump adapter 150 mbar with quick coupling and valve connection, pressure sensor EP250 with quick coupling, pump adapter 10 bar with quick coupling and valve connection, ½" adapter with quick coupling, single pipe cap with quick coupling, hand pump, bumper, case, PC software*	56 03 060

*Software available for download

Notes

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