



Leak testing device RPG-3

for pipes, sewers, fittings acc. to EN 1610

Description

The RPG-3 is a handy, sturdy and easy to operate leak testing device for daily use at the building site.

In addition to the compressed air testing unit integrated into the device, the RPG-3 also has an expansion socket that allows the connection of external measuring sensors for testing the water level, vacuum and high-pressure.

A special aspect of this test device is the integrated test computer with data memory and graphic display (on the front right of the front plate), which allows the setting of parameters, visualisation and storage of up to 50 tests even without a notebook.

The test software contained in the delivery scope for a PC / notebook allows even inexperienced users to show test records clearly in charts in accordance with the requirements of the given test standards both online and also after the test data has been retrieved from the data memory.

The integrated compressor, which uses the vehicle's own electrical system and the accumulator that is also available as an option, allows power supply independence; for larger volumes we recommend filling via external compressors.

One special construction type of the device, "LV", contains additional compressed air fittings for filling shut-off elements and test space.

Filling and testing times (DIN EN 1610) with the integrated compressor

Test pressure	50 m DN 100	50 m DN 200
100 mbar		
Filling	1.2 min	4.9 min
Calming	5.0 min (ca.)	5.0 min (ca.)
Testing	3.0 min	3.0 min
Total	9.2 min	12.9 min
200 mbar		
Filling	2.5 min	9.8 min
Calming	5.0 min (ca.)	5.0 min (ca.)
Testing	1.5 min	1.5 min
Total	9.0 min	16.3 min



Technical parameters

- Supply: 230 V AC
12 V DC, accumulator (option)
- Leak tests acc. to:
DIN EN 1610
ATV/DWA-M 143-6
LfW 4.3-8
Special test (free parameters)
- Protocols: Supplier / contractor data
Description of contract object
Test specifications / test result
Pressure history chart (colour print-out)
- Air output: 32 l/min, max. 500 mbar
with integrated compressor (Option)
- Measuring range: 0 ... + 1000 mbar
Accuracy: +/- 1.0 mbar
- Delivery scope: - measuring case RPG-3 with integrated test computer and PC-interface
- test software and manual
- connection cable 230 V AC / 12 V DC
- Options:
- integrated notebook
- integrated compressor
- integrated accumulator supply
- shaft and filter test device
- vacuum test option
- high-pressure test option
- filling fittings and test hoses