# REMS PX4500 C

Electronic pressure and leakage testing device with Connected functionality via Bluetooth or USB

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| Compact, handy electronic pressure and leakage testing device with Connected functionality via Bluetooth or USB. For battery and corded operation. | |
| Pressure and leakage testing with compressed air/inert gas | p ≤ 0.4 MPa/4 bar |
| Pressure and leakage testing with water | p ≤ 2.5 MPa/25 bar |
| Individual check lists, e.g. house show | |
| For a wide range of accessories, see pages 138–139. | |


## REMS PX4500 C – compact, handy, light. Universal for pressure and leakages tests.

### Universal use
Just **one** device for pressure and leakage testing with compressed air/inert gas or water, e.g. drinking water installations, radiator and area heating systems, gas and liquid gas installations. Also for differential pressure testing ≤ 150 hPa/mbar.

### Design
Compact, handy electronic pressure and leakage testing device, ultra light, for one-hand operation, measuring instrument weighs only 345 g. Sturdy, impact-resistant plastic housing with ergonomically shaped handle. USB-C port for direct connection to a PC or laptop or for charging the Li-Ion 3.7 V, 2.7 Ah battery. Jack for connecting electronic pressure sensors. Bayonet sockets P+ and P- for pressure hose PX/FG, Ø 5 mm, e.g. for differential pressure measurement. Bluetooth interface for connecting a printer. Fastening kit, consisting of Velcro tape for easy fastening of the device, e.g. to a pipe or another section, with an eye for hanging up, e.g. on a nail or hook as well as a strong, screw-on magnet. Power supply unit/charger 100–240 V.

### Input and control unit with 3.5" colour display
Input and control unit with 3.5" colour display with touch function and modern TFT LCD technology, 89 mm screen diagonal, 320 × 240 pixels On/Off button. User-friendly menu guidance takes you step by step through the testing process Easy to understand operating instructions can be displayed at the start of a function on request, supplemented by context-related help and visual feedbacks for support. 13 different test programs in 16 languages. Language, date, time, key tones, screen brightness, show help, automatic summer time and unit of pressure bar/Pa settable. Display of notices (annual inspection and periodic testing, battery state, firmware version, serial number, etc.). Download and installation of new firmware versions via PC or laptop. Switch-off in case of inactivity settable in 4 stages.

### Battery or mains operation
Li-Ion technology. Measuring instrument with integrated Li-Ion battery 3.7 V, 2.7 Ah Light and powerful. High energy density for approx. 10 hours continuous operation. Use in mains mode is possible during the charging process. Power supply/charger 100–240V, 7.5 W, with USB-A port and cable USB-C to USB-A for connecting to the power supply/charger, laptop or another power supply. No memory effect for maximum battery performance.

### Pressure hoses, electronic pressure sensors
Pressure hose PX/FG, Ø 5 mm for measuring gas and flow pressure and for leakage testing with compressed air/inert gas ≤ 150 hPa/mbar. Electronic pressure sensor ≤ 0.35 MPa/3.5 bar for pressure and leakage testing with compressed air/inert gas ≤ 0.35 MPa/3.5 bar. Electronic pressure sensor ≤ 2.5 MPa/25 bar for pressure and leakage testing with compressed air/inert gas ≤ 0.4 Mpa/4 bar or with liquid ≤ 2.5 MPa/25 bar. Compact manual compressed air pump ≤ 0.4 MPa/4 bar, double-sealed for fast, accurate pressure build-up ≤ 0.4 MPa/4 bar, with connection for Schrader valve.

### Time/pressure diagram
Time/pressure diagram for recording the pressure curve over the complete testing time for easy assessment of the tightness.

### Pressure testing with compressed air
Leak testing of drinking water installations with compressed air in accordance with information leaflet "Leak testing of drinking water installations with compressed air, inert gas or water" (January 2017) of the Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), Germany
Leak testing of gas installations with compressed air in accordance with Technical Rule "DVGW-TRGI 2018, Technical Rules for Gas Installations – DVGW Worksheet G 600" of the German Gas and Water Association (DVGW)
Leak testing of liquid gas installations with compressed air in accordance with Technical Rule "DVGW-TRF 2021, Technical Rules Liquid Gas" of the German Gas and Water Association (DVGW) (DVGW-TRF 2021)
Leak testing of other pipe systems and vessels with compressed air/inert gas
Differential pressure testing ≤ 150 hPa/mbar
Load testing of drinking water installations with compressed air in accordance with information leaflet "Leak testing of drinking water installations with compressed air, inert gas or water" (January 2017) of the Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), Germany
Load testing of gas installations with compressed air in accordance with the Technical Rule of gas installations with compressed air in accordance with Technical Rule "DVGW-TRGI 2018, Technical Rules for Gas Installations – DVGW Worksheet G 600" of the German Gas and Water Association (DVGW)
Strength testing of liquid gas installations with compressed air in accordance with Technical Rule "DVGW-TRF 2021, Technical Rules Liquid Gas" of the German Gas and Water Association (DVGW) (DVGW-TRF 2021)
Load testing of other pipe systems and vessels with compressed air/inert gas.

German Quality Product

CONNECTED REMS mCon USB-C

Info

ANDROID APP ON Google play
Available on the App Store

**REMS mCon App**
Free application software from the Apple App Store or Android App at Google Play.

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## Pressure testing with water

Pressure testing of drinking water installations with water in accordance with EN 806-4:2010 Test methods A and B, modified in accordance with information leaflet "Leak testing of drinking water installations with compressed air, inert gas or water" (January 2017) of the Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), Germany
Pressure testing of drinking water installations with water, press fitting connections (unpressed leaking) in accordance with information leaflet "Leak testing of drinking water installations with compressed air, inert gas or water" (January 2017) of the Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), Germany
Leak testing of other pipe systems with water/liquid

## Logging

Results of the measuring and test programs are saved with date, time and log number in the selected language and can be printed, stored or sent for documentation. Printer with Bluetooth or IR interface for direct log printing, as an accessory. Additions to saved data, e.g. customer name, project number, tester, are possible on external devices (e.g. PC, laptop, tablet-PC, Smartphone).

## Connected-functionality via Bluetooth with REMS mCon App

If a mobile terminating device is connected via Bluetooth, many different functions are available with the REMS mCon app. For functions/applications, see page 137.

## Connected functionality via USB with REMS PC-Software PC200P

If a PC or laptop is connected via USB, many different functions are available with the REMS PC-Software PC200P. For functions/applications, see page 137.

## Supply format

**REMS PX4500 C Set 3.5 bar.** Electronic pressure and leakage testing device with Connected functionality via Bluetooth or USB. Test and pressure range ≤ 2.5 MPa/25 bar. Pressure hose PX/FG, Ø 5 mm, transparent, 1 m long with bayonet connection (plug), with silicone tubing. Air pump connection piece with Schrader valve, ≤ 150 hPa/mbar, with plug for pressure hose, with quick coupling DN 5 (plug), with Schrader valve. Electronic pressure sensor ≤ 0.35 MPa/3.5 bar with quick coupling DN 5 (plug), with Schrader valve, 1.5 m long connecting lead, with jack plug. Adapter quick coupling DN 5 to R ½" AG. Single pipe meter cap G 2" IG (for DN 25) with quick coupling DN 5 (socket), with seal. Manual compressed air pump ≤ 0.4 MPa/4 bar, fastening kit, cable USB-C to USB-A, power supply/charger 100–240 V, 50 – 60 Hz, 7.5 W, 5 V, 1.5 A. In L-Boxx system case.

| | Art.-No. | Din. |
|---|---|---|
| | 611075R220 | **142 700,00** |

## Supply format

**REMS PX4500 C Set 25 bar.** Same as REMS PX4500 C Set 3.5 bar, Art.-No. 611075, but instead of electronic pressure sensor ≤ 0.35 MPa/3.5 bar with electronic pressure sensor ≤ 2.5 MPa/25 bar and connection piece air pump with Schrader valve ≤ 0.4 MPa/4 bar.

| | Art.-No. | Din. |
|---|---|---|
| | 611080R220 | **169 800,00** |

Accessories

| Description |
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| **For functions/applications**, see page 137 |
| **For accessories**, see page 138 – 139 |