ONE of 6,000
Premium tools for professionals!
Testing & Leak Detection

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## Overview Testing Pumps

### Precision Testing Pumps manual

<table>
<thead>
<tr>
<th>Model</th>
<th>RP 50-S / RP 50-S INOX</th>
<th>TP 25</th>
<th>RP 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing &amp; Pressure range:</td>
<td>0 - 60 bar</td>
<td>0 - 25 bar</td>
<td>0 - 30 bar</td>
</tr>
<tr>
<td>Hub suction capacity:</td>
<td>45 ml / stroke</td>
<td>16 ml / stroke</td>
<td>16 ml / stroke</td>
</tr>
<tr>
<td>Tank capacity:</td>
<td>12 l</td>
<td>7 l</td>
<td>4,5 l</td>
</tr>
<tr>
<td>Connection:</td>
<td>R1/2&quot;</td>
<td>R1/2&quot;</td>
<td>R1/2&quot;</td>
</tr>
<tr>
<td>Dimension:</td>
<td>720 x 120 x 260 mm</td>
<td>380 x 215 x 156 mm</td>
<td>440 x 200 x 240 mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>8 kg</td>
<td>4,6 kg</td>
<td>4,5 kg</td>
</tr>
<tr>
<td>Material:</td>
<td>DURAMANT® coated Steel</td>
<td>DURAMANT® coated Steel</td>
<td>ABS Plastic</td>
</tr>
<tr>
<td>Valve:</td>
<td>Twin-valve</td>
<td>Twin-valve</td>
<td>–</td>
</tr>
<tr>
<td>Pressure Gauge units:</td>
<td>bar, psi, Mpa</td>
<td>bar, psi</td>
<td>bar, psi</td>
</tr>
<tr>
<td>Suitable for:</td>
<td>Oil, Water and Glycol</td>
<td>Oil, Water and Glycol</td>
<td>Oil, Water and Glycol</td>
</tr>
</tbody>
</table>

### Testing Pumps electric

<table>
<thead>
<tr>
<th>Model</th>
<th>RP 50-S / RP 50-S INOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing &amp; Pressure Range:</td>
<td>0 - 40 bar</td>
</tr>
<tr>
<td>Flow rate:</td>
<td>6 l / min.</td>
</tr>
<tr>
<td>Tank capacity:</td>
<td>–</td>
</tr>
<tr>
<td>Connection:</td>
<td>R1/2&quot;</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>375 x 290 x 300 mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>16 kg</td>
</tr>
<tr>
<td>Material:</td>
<td>ABS Plastic</td>
</tr>
<tr>
<td>Valve:</td>
<td>Single valve</td>
</tr>
<tr>
<td>Pressure Gauge units:</td>
<td>bar, psi, Mpa</td>
</tr>
<tr>
<td>Gauge characteristics:</td>
<td>Glycerine cushioned</td>
</tr>
<tr>
<td>Suitable for:</td>
<td>Oil, Water und Glycol</td>
</tr>
</tbody>
</table>

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RP 50-S / RP 50-S INOX
Robust precision testing pump for pressure testing of water lines and containers up to 60 bar with very high testing standards

Product Profile

APPLICATION AREA
Pressure testing with water or oil of piping in residential and industrial construction, as well as for industrial containers (up to 60 bar). Expansion possible with an extra fine scaling pressure gauge (0.1 bar) for testing up to 16 bars

KEY FEATURES
- A drag indicator displays the preset pressure so that a loss of pressure in the system can be detected easier
- Reliable and precise testing results: the dual-valve system (Twin Valve) enables self-testing of the pump, as well as a precise fine adjustment of the pressure
- Especially precise reading as needed: finely scaled (scaling 0.1 bar) pressure gauge available separately
- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation
- Type 50-S: Weather and cold-resistant steel container with DURAMANT® coating
- Type 50-S INOX: high-quality corrosion resistant stainless steel tank

TECHNICAL DATA
Testing and pressure range: 0 - 60 bar, with 1 bar steps
0 - 860 psi, with 20 psi steps
0 - 6 MPa, with 0.1 MPa steps

Hub suction capacity: approx. 45 ml / stroke
Tank capacity: 12 l
Dimensions (L x W x H): 720 x 170 x 260 mm
Connection: R 1/2"

Container RP 50-S: Steel, DURAMANT® coated
Container RP 50-S INOX: Stainless steel

Additional pressure gauge with fine scaling 0.1 bar optional
Enables very precise readings up to a range of 16 bar (No. 61316)

Warp-resistant and lockable lever
Ergonomic handle serves as carrying grip too

Type 50-S: Weather and cold-resistant steel container
Type 50-S INOX: high-quality corrosion resistant stainless steel tank

Optional: Extra fine scaling Pressure gauge for the testing of systems up to 16 bar with a 0.1 scaling

Adjustment of the pressure gauge with 0.1 bar scaling is possible!

.ToList

Maintenance package 100 1 60201
High pressure hose with 1/4"-1/2" connection 490 1 R6112500

Double nipple 1/2" to 3/4" 100 1 60999
Extra 16 bar pressure gauge with drag indicator R1/4" 100 1 61316

INOX!

No. 60200

No. 60203

No. 61316

No. 61316
**Testing & Leak Detection**

**Testing of Water Lines & Containers**

**RP PRO III**

Self-priming electric testing pump up to 40 bar

---

**Product Profile**

**APPLICATION AREA**

Electrical testing pump for the automatic pressure testing of piping and containers up to 40 bar in accordance with national and international standards.

**KEY FEATURES**

- Comfortable, automatic filling and pressure testing of piping and containers
- Compact and robust plastic casing for simple handling at the building site
- Liquid supply freely selectable: optional self-priming up to a maximum of 1 m or from a pressure source. Suitable for oil, water and glycol
- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation
- Glycerine cushioned pressure gauge absorbs pressure surges which makes pressure reading easier

---

**TECHNICAL DATA**

- **Testing and pressure range:** 0 - 40 bar, with 1 bar steps
  0 - 570 psi, with 20 psi steps
  0 - 0.1 MPa steps
  max. 6 l / min

- **Flow Rate:**
  max. 6 l / min

- **Dimensions (L x W x H):** 375 x 290 x 300 mm

- **Connection:** R 1/2"

- **Mains voltage:**
  220 - 240 V / 50 Hz and
  110 V / 50 - 60 Hz

- **Performance:** 1.3 kW

---

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>110 V</th>
<th>220 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing pump RP PRO III self-priming</td>
<td>16.0</td>
<td><strong>61185</strong></td>
</tr>
<tr>
<td>with power cable, high-pressure hose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>and 1/2” connection, filling hose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filling hose with adaptor</td>
<td>0.5</td>
<td><strong>61001</strong></td>
</tr>
<tr>
<td>Testing hose with R 1/2” connection</td>
<td>0.4</td>
<td><strong>V12102000</strong></td>
</tr>
<tr>
<td>Extra pressure gauge</td>
<td>0.8</td>
<td><strong>61187</strong></td>
</tr>
<tr>
<td>Maintenance package RP PRO III</td>
<td></td>
<td><strong>61186</strong></td>
</tr>
</tbody>
</table>

in scope of delivery
**Testing & Leak Detection**

**Testing of Water Lines & Containers**

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**TP 25**

Small, robust precision testing pump for pressure testing up to 25 bar

**Product Profile**

**APPLICATION AREA**
Pressure testing with water or oil of piping in residential and industrial construction, as well as for industrial containers up to 25 bar in accordance with international and national standards

**KEY FEATURES**
- Reliable and precise testing results: the dual-valve system (Twin Valve) enables self-testing of the pump, as well as a precise fine adjustment of the pressure
- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation
- Weather and cold-resistant steel container with DURAMANT® coating

**TECHNICAL DATA**
- Testing and pressure range: 0 - 25 bar
- Hub suction capacity: approx. 16 ml / stroke
- Dimensions (L x W x H): 380 x 215 x 156 mm
- Connection: R 1/2"
- Container: Steel, DURAMANT® coated

---

**RP 30**

Simple and light testing pump for compression testing up to 30 bar

**Product Profile**

**APPLICATION AREA**
Pressure testing with water or oil of piping in residential and industrial construction, as well as for industrial containers up to 30 bar in accordance with international and national standards

**KEY FEATURES**
- Reliable and precise testing results: the dual-valve system (Twin Valve) enables self-testing of the pump, as well as a precise fine adjustment of the pressure
- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation
- Weather and cold-resistant steel container with DURAMANT® coating

**TECHNICAL DATA**
- Testing and pressure range: 0 - 30 bar, with 1-bar steps
- Hub suction capacity: 0 - 440 psi, with 20 PSI steps
- Dimensions (L x W x H): 440 x 200 x 240 mm
- Connection: R 1/2"
- Container: ABS-plastic

---

**Model** | **Pressure range** | **No.**
--- | --- | ---
TP 25 Testing Pump | up to 25 bar | 60250
Maintenance package TP 25 | | 60251

---

**Model** | **Pressure range** | **No.**
--- | --- | ---
Testing pump RP 30 | up to 30 bar | 61130
Testing hose | | R6112500
Testing & Leak Detection
Testing of Gas & Water Lines

ROTEST® GW 150/4
Analogue testing device for gas and water connections using air as the medium

**Product Profile**

**APPLICATION AREA**
Analogue testing unit for the implementation of the following tests:

**Gas:**
- Load and leakage test for newly installed gas lines in accordance with DVGW - TRGI worksheet G600 (April 2008)
- Leakage test from propane liquid gas lines / low-pressure liquid gas lines
- Adjustment of the duct pressure on atmospheric burners and forced-air burners
- Testing of the appliance connection pressure on gas appliances

**Water:**
- Pre-testing and testing of newly installed drinking water lines in accordance with DIN 1988 (TRWI)

**KEY FEATURES**
- Quick and precise pressure reading over water column without electronic
- Testing time and pressures in accordance with DVGW - TRGI and TRWI clearly arranged on unit cover
- Sturdy unit: High reliability when used on the building site

**TECHNICAL DATA**

- **Pressure gauge:** 4 bar
- **Water column:** 150 mbar
- **Testing accuracy:**
  - Water column 0.1 mbar (Reading accuracy in accordance with TRGI)
  - Pressure gauge 0.1 bar (Display range 0 - 4 bar)

**DVGW-TRGI / worksheet G600/April 2008 conforming!**
## Set Components

<table>
<thead>
<tr>
<th>Description</th>
<th>ET</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting hose</td>
<td>130</td>
<td>61015</td>
</tr>
<tr>
<td>Cut-off valve, gas</td>
<td>125</td>
<td>61017</td>
</tr>
<tr>
<td>Adaptor</td>
<td>10</td>
<td>61018</td>
</tr>
<tr>
<td>Rubber bellow</td>
<td>55</td>
<td>61014</td>
</tr>
<tr>
<td>Tube element, 4 piece</td>
<td>120</td>
<td>61702</td>
</tr>
<tr>
<td>Supply end cap</td>
<td>380</td>
<td>61041</td>
</tr>
<tr>
<td>Seal set</td>
<td>40</td>
<td>61030</td>
</tr>
<tr>
<td>Force Pump</td>
<td>500</td>
<td>61011</td>
</tr>
<tr>
<td>Spare manometer R 1/4”</td>
<td>75</td>
<td>61012</td>
</tr>
<tr>
<td>Double nipple for hose connection</td>
<td>100</td>
<td>H96591</td>
</tr>
<tr>
<td>Measurement fluid, blue</td>
<td>100</td>
<td>351257</td>
</tr>
<tr>
<td>Adaptor 1/2”</td>
<td>50</td>
<td>61067</td>
</tr>
</tbody>
</table>

### Gas Test Plug / Adaptor

Suitable for gas lines up to 1.5 bar

#### Conical shape with pneumatic connection

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel exterior pipe Ø inch</th>
<th>Copper exterior pipe Ø mm</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 0</td>
<td>3/8 - 1/2”</td>
<td>15 - 18</td>
<td>45</td>
<td>351260</td>
</tr>
<tr>
<td>Size 1</td>
<td>1/2 - 1”</td>
<td>22 - 28</td>
<td>80</td>
<td>351261</td>
</tr>
<tr>
<td>Size 2</td>
<td>3/4 - 1 1/4”</td>
<td>35 - 42</td>
<td>125</td>
<td>351262</td>
</tr>
<tr>
<td>Size 3</td>
<td>1 1/4 - 2”</td>
<td>54 - 64</td>
<td>175</td>
<td>351263</td>
</tr>
</tbody>
</table>

#### Cylindrical shape with pneumatic connection

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel exterior pipe Ø inch</th>
<th>Copper exterior pipe Ø mm</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>3/4”</td>
<td>22</td>
<td>60</td>
<td>351271</td>
</tr>
<tr>
<td>Size 2</td>
<td>1”</td>
<td>28</td>
<td>75</td>
<td>351272</td>
</tr>
</tbody>
</table>

#### Conical shape with hose coupling

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel exterior pipe Ø inch</th>
<th>Copper exterior pipe Ø mm</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 0</td>
<td>3/8 - 1/2”</td>
<td>15 - 18</td>
<td>200</td>
<td>351220</td>
</tr>
<tr>
<td>Size 1</td>
<td>1/2 - 1”</td>
<td>22 - 28</td>
<td>300</td>
<td>351221</td>
</tr>
<tr>
<td>Size 2</td>
<td>3/4 - 1 1/4”</td>
<td>35 - 42</td>
<td>300</td>
<td>351222</td>
</tr>
<tr>
<td>Size 3</td>
<td>1 1/4 - 2”</td>
<td>54 - 64</td>
<td>400</td>
<td>351223</td>
</tr>
</tbody>
</table>

#### Conical shape with 2 ball valves

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel exterior pipe Ø inch</th>
<th>Copper exterior pipe Ø mm</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>1/2 - 1”</td>
<td>22 - 28</td>
<td>260</td>
<td>351231</td>
</tr>
<tr>
<td>Size 2</td>
<td>3/4 - 1 1/4”</td>
<td>35 - 42</td>
<td>420</td>
<td>351232</td>
</tr>
<tr>
<td>Size 3</td>
<td>1 1/4 - 2”</td>
<td>54 - 64</td>
<td>700</td>
<td>351233</td>
</tr>
</tbody>
</table>

#### Conical shape with 1 ball valve

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel exterior pipe Ø inch</th>
<th>Copper exterior pipe Ø mm</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 0</td>
<td>3/8 - 1/2”</td>
<td>15 - 18</td>
<td>200</td>
<td>351225</td>
</tr>
<tr>
<td>Size 1</td>
<td>1/2 - 1”</td>
<td>22 - 28</td>
<td>350</td>
<td>351226</td>
</tr>
<tr>
<td>Size 2</td>
<td>3/4 - 1 1/4”</td>
<td>35 - 42</td>
<td>390</td>
<td>351227</td>
</tr>
<tr>
<td>Size 3</td>
<td>1 1/4 - 2”</td>
<td>54 - 64</td>
<td>600</td>
<td>351228</td>
</tr>
</tbody>
</table>

### With double plug valve - with hose snout

<table>
<thead>
<tr>
<th>Model</th>
<th>Parts-No.</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptor/cut-off valve with pn. connection</td>
<td>290</td>
<td>351265</td>
</tr>
</tbody>
</table>
**Testing & Leak Detection**

**Testing of Waste Water Lines**

**House Connection Test Set**
Set for testing in accordance with DIN EN 1610 and 1986 in combination with GW Digital (version 2.1 or newer)

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**Product Profile**

**APPLICATION AREA**

Testing balloon and accessories for the leakage testing of ground water piping using air in accordance with DIN EN 1610 and DIN 1986, part 30. Suitable for nominal diameters of 65 to 250 mm.

---

**KEY FEATURES**

- Handy set: One testing and sealing balloon for the most common pipe diameters (included in set are diameters 75 - 150 mm, additional balloons available in accessories)
- Easier positioning of the balloon, even in hard to reach places using various push and filling rod sizes
- Body material is made out of aluminium and eases the positioning of the testing balloon through the pipe system
- Sturdy balloons made of natural rubber are temperature, use and waste water resistant. If the balloon becomes damaged, a simple repair is possible

**TECHNICAL DATA**

- Maximum operating pressure: 1,5 bar
- Push rod length: 10 m

---

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>House Connection Test</td>
<td>7,8</td>
<td>61340</td>
<td>Ø 65 - 100 mm</td>
<td>61358</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ø 75 - 150 mm</td>
<td>61359</td>
<td>61352</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ø 90 - 250 mm</td>
<td>61360</td>
<td>61353</td>
</tr>
</tbody>
</table>

---

**ROLeak Aqua Plus**

Easy to use leak detection device with acoustic signal signal for pipe systems

---

**Product Profile**

**KEY FEATURES**

- Leak detection for various pipe materials
- Amplifies flow noise for exact detection of leaks

---

**KEY FEATURES**

- Wireless signal transmission to headphone
- Digital Display of the Volume
- Simplified two-button usage

**TECHNICAL DATA**

- 3-staged Frequency filter: 1. Stage: 0 - 540 Hz
  2. Stage: 540 - 4,000 Hz
  3. Stage: 0 - 4,000 Hz
- Operating time: ca. 50 h
- Weight: 300 g (Handheld device)
- Level of protection: IP 41

**Improved Sound compared with previous models!**

6-parts Set (1500000922) includes: Basic Unit, Headphones, Magnetic adaptor, 2 x Extensionstick, Tripod-adaptor, Plastic case

---

<table>
<thead>
<tr>
<th>Model</th>
<th>m</th>
<th>No.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLeak Aqua Plus</td>
<td>1,6</td>
<td>1500000922</td>
<td></td>
</tr>
</tbody>
</table>

---

Acoustic Leak detection of heating installations

---

11-part House Connection Test Set (No. 61340) includes:
- sealing balloon NW 75-150 (No. 61332), testing balloon NW 75-150 (No. 61358), filling hose (No. 61365), test valve, filling valve (No. 61367), push rod (No. 61380), holding rope (No. 61368), upright pump with pressure gauge (No. 61369), plastic case (No. 61370), cover (No. 91123), plastic case inlay for upright pump (No. 91122)
ROTEST® Electronic 3
Leak detection on gas lines

**Product Profile**

**APPLICATION AREA**
For the detection of gas in room, as well as leaks in pipes. Detects all flammable methane based gases

**KEY FEATURES**
- Leaks are optically as well as acoustically displayed
- With the help of the 42 cm long, flexible testing head and the integrated lamp, even dark and hard to reach places can be tested
- Quick and precise leak location of even the smallest leak source: The sensitivity of the unit can be adjusted continuously in a range from < 50 ppm – 1 Vol %
- Shock-proof soft case jacket and simple one-handed operation of the unit for use on the building site
- Optical display of battery status

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTEST® Electronic 3</td>
<td>66080</td>
</tr>
</tbody>
</table>

Set (No. 66080) includes:
ROTEST® Electronic 3, 9 V battery, plastic carrying case (No. 66085)

**TECHNICAL DATA**

- Detects: Natural gas, propane, butane, methane, acetone, alcohol, ammonia, benzyl, ethylene, gasoline, hydrogen, industrial solvents, jet fuel, paint thinner, naphtha, toluene
- Sensitivity: < 50 ppm – 1 Vol % (Methan)
- Power supply: 1 x 9 Volt block battery, type SLM 9 V

---

ROTEST® Leak Detection Spray

**Product Profile**

**APPLICATION AREA**
Ideal for detecting leaks in gas-filled lines, gas cylinders or containers. When a leak is present a blister forms

**KEY FEATURES**
- Simple use - always ready to use
- Highly sensitive foaming spray for a quick and reliable locating of leaks

**TECHNICAL DATA**

Dets: Detects gases (for example natural gas, inflammable gas, air)
The leak detection spray is neutral against the most common inflammable gases and refrigerants. The only reaction is the building of foam

<table>
<thead>
<tr>
<th>Model</th>
<th>Content</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTEST® Leak Detection Spray 400 ml</td>
<td>470</td>
<td>65000</td>
</tr>
<tr>
<td>ROTEST® Leak Detection Spray 400 ml</td>
<td>470</td>
<td>1000000442</td>
</tr>
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</table>