

Precision Testing Pumps manual

RP 50-S / RP 50-S INOX



TP 25



RP 30



Testing & Pressure range:	0 - 60 bar	0 - 25 bar	0 - 30 bar
Hub suction capacity:	45 ml / stroke	16 ml / stroke	16 ml / stroke
Tank capacity:	12 l	7 l	4,5 l
Connection:	R1/2"	R1/2"	R1/2"
Dimension:	720 x 120 x 260 mm	380 x 215 x 156 mm	440 x 200 x 240 mm
Weight:	8 kg	4,6 kg	4,5 kg
Material:	DURAMANT® coated Steel	DURAMANT® coated Steel	ABS Plastic
Valve:	Twin-valve	Twin-valve	—
Pressure Gauge units:	bar, psi, Mpa	bar, psi	bar, psi
Suitable for:	Oil, Water and Glycol	Oil, Water and Glycol	Oil, Water and Glycol

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Testing Pumps electric

RP 50-S / RP 50-S INOX



Testing & Pressure Range:	0 - 40 bar
Flow rate:	6 l / min.
Tank capacity:	—
Connection:	R1/2"
Dimensions:	375 x 290 x 300 mm
Weight:	16 kg
Material:	ABS Plastic
Valve:	Single valve
Pressure Gauge units:	bar, psi, Mpa
Gauge characteristics:	Glycerine cushioned
Suitable for:	Oil, Water und Glycol

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Testing & Leak Detection

Testing of Water Lines & Containers

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

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



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

Warp-resistant and lockable lever

Ergonomic handle serves as carrying grip too

Additional pressure gauge with fine scaling 0.1 bar optional

Enables very precise readings up to a range of 16 bar (No. 61316)

Testing hose with steel mesh

Precise measurement

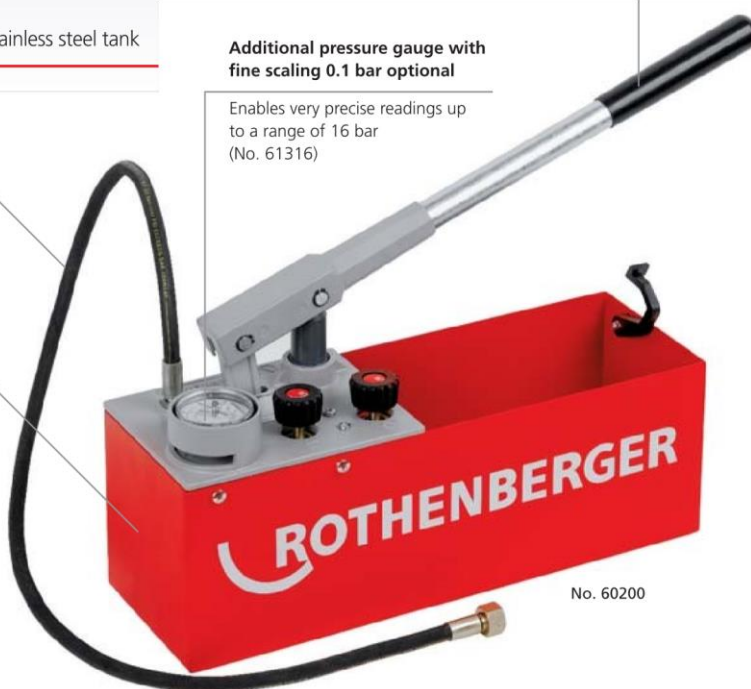
Weather and cold-resistant container

5 year rust-free guarantee - DURAMANT® coated

INOX!



No. 60203



No. 60200

Double valve system: enables self-testing of the pump, as well as a precise fine adjustment of the pressure



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



Model	kg	g	No.
RP 50-S Testing Pump	8	1 4	60200
RP 50-S INOX (stainless steel) Testing Pump	8	1 4	60203

ACCESSORIES

Model	kg	g	No.	Model	kg	g	No.
Maintenance package	100	1	60201	High pressure hose with 1/4"-1/2" connection	490	1	R6112500

Testing & Leak Detection

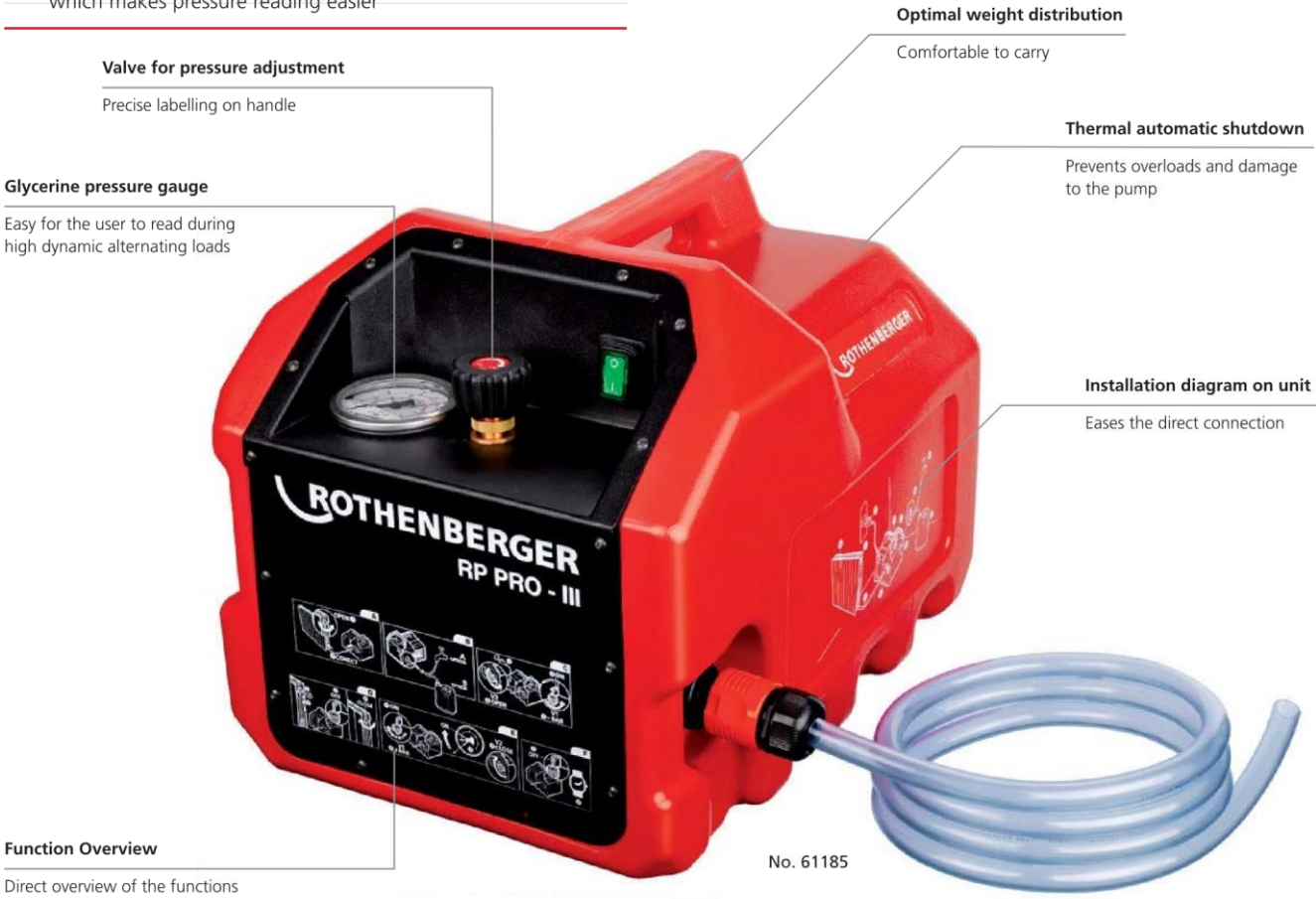
Testing of Water Lines & Containers

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
<ul style="list-style-type: none">● 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
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
Container:	ABS-plastic



8 Function Overview

Direct overview of the functions

Model		110 V	220 V
Testing pump RP PRO III self-priming with power cable, high-pressure hose and 1/2" connection, filling hose	16.0	12110016	61185
Filling hose with adaptor	0.5		61001
Testing hose with R 1/2" connection	0.4		V12102000
Extra pressure gauge	0.8		61187
Maintenance package RP PRO III in scope of delivery			61186

Testing & Leak Detection

Testing of Water Lines & Containers



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



For the daily work on site



Model	Pressure range	kg		No.
TP 25 Testing Pump	up to 25 bar	4.6	1 4	60250
Maintenance package TP 25			1	60251

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

- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation
- Shock and corrosion resistant ABS plastic container with reinforced floor

TECHNICAL DATA

Testing and pressure range: 0 - 30 bar, with 1-bar steps
 0 - 440 psi, with 20 PSI steps
Hub suction capacity: 16 ml / stroke
Dimensions (L x W x H): 440 x 200 x 240 mm
Connection: R 1/2"
Container: ABS-plastic



Easy, light and handy: for all common house building applications



Model	Pressure range	kg		No.
Testing pump RP 30	up to 30 bar	4.5	1 4	61130
Testing hose		0.4	1	R6112500