ROCOOL 600

For commissioning, maintenance work and documentation of refrigeration systems of all kinds

Product Profile

KEY FEATURES

● Modular system: The basic device can be fitted with the optional Red Box incl. the Data Viewer software for reading out or recording data on a PC. Additionally there is an optional external Pirani vacuum probe for precise vacuum readings
● More than 70 refrigerants incl. R744 (sub-critical) are stored in the device. New refrigerants can be added later using the update function
● Simultaneous calculation of superheat and subcool
● The documentation software Data Viewer generates an automatic report based on the data recorded. Ideal for handing out to the customer (client)
● An external Pirani vacuum probe allows reading of the vacuum where the most precise measurement is possible: directly at the refrigeration system

TECHNICAL DATA

Pressure display:	bar, psi, Kpa, MPa
Temperature display:	°C, °F
Vacuum display:	Micron, mbar, mmHg, Pa, mTorr
Power source:	9 V battery, 550 mAh
Screen size:	4.1/3″ / 11 cm
Pressure measurement range:	-1 up to 60 bar
Precision (at 22°C):	± 0,5 % fs
Temperature measurement range:	-50°C to +200°C
Working temperature:	-10°C to +50°C
Connections:	4x ¼″ SAE
Max. recording time:	12h (device), 96h (red box)

An absolute all-rounder due to the unique modular system!

Large screen

All important data at a single glance. Strong backlight for dark environment

Connection for the temperature sensor T1

For automatic measurement of superheat data

Connection for the external vacuum probe

For very precise measurement of the vacuum level directly at the refrigeration system

Pressure sensors "Made in Germany"

Precise measurement from -1 to 60 bar

T-connection with Schrader valve ¼″ SAE

3-way function: Evacuation and filling without changing a hose

Y-connections ¼″ SAE

A connection and sealing plug in one. Simple transport of hoses when not in operation

Connection for the temperature sensor T2

For automatic measurement of subcool data

Green and red LEDs

An optical signal is displayed once an adequate vacuum level is reached or leakage in the system and also a warning of overpressure

Connection of the Red Box

To record data for up to 96 hours and independent read out of data at a PC

Temperature sensor for a pipe diameter of up to Ø 32 mm

External vacuum probe for very precise measurement of the vacuum

Set (No. 1000000569) includes: ROCOOL 600, 1 temperature sensor
Set (No. 1000000570) includes: ROCOOL 600, 2 temperature sensors, carry case
Set (No. 1000000572) includes: ROCOOL 600, 2 temperature sensors, red box and data viewer software, carry case

Scope of delivery (No. 1000000539): Red box, data viewer software, connection cable, external power supply

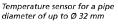| Model	No.
Set with 1 temperature sensor (in the blister)	1000000569
Set with 2 temperature sensors (in the case)	1000000570
Set with 2 temperature sensors, red box, data viewer software (in the case)	1000000572

Model	No.
Red box, software, connection cable, external power supply	1000000539
Temperature sensor	1000000540
Vac Probe	1000000541

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