SI - RV3

Smart wireless vacuum probe with dual valves

Product informations

Si-RV3, the wireless smart vacuum probe for vacuum measurement in a refrigeration system.

Product features

- light and curved design for easy plug-in to facilities
- high accuracy Pirani® vacuum sensor
- dual valve system enabling simultaneous vacuum measurement and evacuation of refrigerant
- built-in Shrader® cores for easy refrigerant charging
- range from 5 to 25,000 microns
- reduce to use of hoses
- overmoulding for easy handing and protection
- long range wireless connection low energy

Vacuum features

- vacuum measurement function
- configuration of vacuum target value
- temperature of water evaporation

Supplied with

- certificate of conformity

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- user manual
- 3 alkaline AAA 1.5 V batteries

Si-Manifold App features

- clear interface for easy reading in any condition
- gauge, table or graphic visualizations
- creation of measurements report with possibility to add pictures
- report exportation in PDF, CSV and XML formats
- data logging
- chronometer function
- free app for iOS and Android devices (*minimum required versions: Android 4.4, iOS 8.0*)

Manifold features

- superheat and subcooling real time calculation
- configuration of superheat/subcooling target values
- heating and cooling functions
- 126 refrigerant gases with favorite list

Download here!

- **https://apps.apple.com/us/app/si-manifold/id1294563130**
- **https://play.google.com/store/apps/details?id=com.sauermann.si_manifold&hl=en**

TOOL DESCRIPTION	
1	FEMALE CONNECTOR ¼" FFL WITH SCHRADER® DEPRESSOR
2	IDENTIFICATION LABEL

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TOOL DESCRIPTION	
3	MALE CONNECTOR ¼" MFL WITH SCHRADER® VALVE
4	CAP

Technical Features

VACUUM GAUGE	
MEASUREMENT AND DISCHARGE VALVE	2 WAYS
MEASURING RANGE	5 ÷ 25000 MICRON
PRESSURE SENSING ACCURACY	± 10% OF THE MEASURED VALUE ± 10 MICRONS
AVAILABLE UNITS	MICRON, PA, HPA, MBAR, TORR, MMHG, INHG, INH_20
RESOLUTION	• 1 MICRON 0 TO 1000 MICRONS • 10 MICRONS 1000 TO 2000 MICRONS • 100 MICRONS 2000 TO 10,000 MICRONS • 500 MICRONS 10.000 TO 25.000 MICRONS
OVERLOAD	10 BAR
BURST PRESSURE	27,5 BAR
OPERATING TEMPERATURE	- 10 ÷ 50°C
STORAGE TEMPERATURE	- 20 ÷ 60°C
DEVICE	
ENVIRONMENTAL CONDITIONS OF USE	• HUMIDITY: NOT IN CONDENSING CONDITIONS • MAXIMUM ALTITUDE: 2000 M (6561') • NOT CORROSIVE OR COMBUSTIBLE GAS
BATTERY LIFE	250 H (FOR ONE MEASUREMENT EVERY SECOND AT 20°C)
BLUETOOTH®	CLASS 1 BLUETOOTH® 4.2

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WIRELESS CONNECTION RANGE	UP TO 30 M (DEPENDING ON SMARTPHONE AND TABLET WIRELESS CONNECTION RADIO STRENGTH)
PROTECTIONS	IP54 (PROTECTED AGAINST WATER SPRAYS FROM ANY DIRECTION AND PROTECTED AGAINST DUST, SUCH THAT IT DOES NOT INTERFERE WITH THE OPERATION OF THE DEVICE)
WEIGHT	0,26 KG

SKU	MODEL	PRICE
00000011642	SI-RV3	€528.8 VAT EXCLUDED







