Acknowledged globally



REFCLAMP-SET

Item Number 4688733

The REFCLAMP measures both the tube and air temperature as well as the humidity in the ambient air of mobile and stationary refrigeration systems and heat pumps.

It has two sensors included: a pipe temperature sensor and a humidity sensor. Furthermore, the outside temperature can be measured by means of a plug-in K-type sensor.

The illuminated display guarantees constant control of the measured values. Another plus: The narrow tip also enables measurement in hard-to-reach places.

Furthermore, the clamp can be connected to REFMATE and the REFMESH app and thus contribute to an optimal adjustment of the system.

Functions:

- Target superheat
- Tube temperature and air temperature measurement
- Humidity measurement
- Calculation of wet bulb temperature
- Calculation of superheat and subcooling
- Temperature difference calculation
- Ice water calibration

- Fast response time
- Permanent view of the measured values thanks to illuminated display
- Comfortable handling thanks to wireless connection and ergonomic design
- Simple operation with 2 buttons
- Real-time display of measured values on the clamp, the REFMATE, and the REFMESH app

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Certificate
ISO 9001 / ISO 14001

- High range of 300 m

Technical Data

Material	Polyamide
Colour	yellow | green
Number of Pieces	2
Standards	CE FCC IC RCM RoHS REACH
RoHS Conformity	Yes
RoHS Conformity	1
Operating Temperature Range	-20 °C – 50 °C
Humidity Range	5 – 100 %
Measured Variables	Temperature | Humidity
Operating Temperature Range	-20 °C - 50 °C
Diameter	5 - 44 mm
Battery	2 x 2 AAA
Functions	Tube temperature and air temperature measurement Humidity measurement Wet bulb temperature calculation Ice water calibration Connection to REFMATE and REFMESH Calculation of superheat and subcooling in combination with the REFMATE Target superheat in combination with the REFMATE Temperature difference calculation - Delta T (in REFMESH) Absolute humidity (REFMESH) Enthalpy (REFMESH)
Scope of Supply	Batteries | Quick Guide
Packaging	Blister
Accuracy	± 1 °C
Temperature measuring range	-40 °C - 150 °C
Temperature Units	°C | °F
Temperature Resolution	0.1 °C

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Accessories

4681394	K-TYPE-SENSOR	External temperature sensor for REFMATE and DIGIMON

Spare Parts

4688716	REFCLAMP-BATTERY-COVER	battery cover
4688892	REFCLAMP-MARKING-RING-SET	Marking rings for REFCLAMP 2x2 pcs.

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