Temperature-Humidity datalogger PCE-HT 114

Refrigerator thermometer PCE-HT 114
Refrigerator data logger for temperature and humidity / LCD / 25,920 Data Storage / Fast reading via USB /
Adjustable alarm limits / External sensor

The thermometer PCE-HT 114 has a temperature and humidity sensor on 2 m / 6.6 ft cable. The PCE-HT 114 thermometer records the temperature and humidity in the interior of the refrigerator and simultaneously displays it via the LCD display. The thermometer PCE-HT 114 stores the measured values in a format that is used by the software for analysis as well as in PDF format. In the PDF document that creates the thermometer, a graph showing the course of the measurement is shown. Likewise, an overview of all measured values is displayed directly in the measurement report. The thermometer has a base and a mounting tab on the back. The display can be switched off for battery saver.

The PCE-HT 114 thermometer can store up to 25,920 readings, which can be evaluated using the software. To connect to a PC, the thermometer has a USB port. The software can also set alarms for high or low temperatures. It is also possible to switch over to the optionally available external sensor via the software.

- Temperature and humidity data logger
- LCD display
- Memory for 25,920 readings
- Fast reading via USB
- Adjustable alarm limits
- External sensor

Specifications:

Measuring function	Temperature
Measuring range	-40 ... 125°C / -40 ... 257°F (external)
Resolution	0.1°C / 0.18°F
Accuracy	± 0.3°C / 0.54°F (-10 ... 65°C / 14 ... 149°F)
	± 0.5°C / 0.9°F (remaining range)

Measuring function	Humidity
Measuring range	0 ... 100% rh (external)
Resolution	0.1% RH
Accuracy	± 3% (10% ... 90%)
	± 4% (remaining area)

Response time	5 min
Storage	25,920 readings
Storage rates	30s, 60s, 2 min, 5 min, 10 min, 15 min, 20 min, 25 min, 30 min, 1 h or individually adjustable
Measuring interval / refresh rate Display	5 s
Alarm	Adjustable audible alarm
Interface	USB
Power supply	3 x 1.5V AAA batteries
	5V USB
Battery life	Approx. 1 year (without lighting / without alarm)
operating conditions	-30 ... 65°C / -22 ... 149°F

Storage conditions	-30 ... 65°C / -22 ... 149°F (without battery)
Dimension	96 x 108 x 20 mm / 3.8 x 4.3 x 0.8 in
Weight	120 g / < 1 lb
Degree of protection	IP20

Delivery scope:

1 x Refrigerator thermometer PCE-HT 114
1 x External sensor
3 x 1.5V AAA battery
1 x Micro USB cable
1 x Software on CD
1 x User manual