



Infrared temperature and moisture measuring tool, Type: 835H1



Order data

Order number	474022 835H1
GTIN	4029547011948
Item class	47B

Description

Version:

Quick and precise infra-red thermometer with intuitive easy-to-use menu selection using icons and joystick.

The 50: 1 optics permit safe measurement even from a long range. The 4-point laser indicates the precise measurement area and prevents incorrect measurements.

- **Automatically configurable emission level in conjunction with the surface sensor No. 47 4120 size OF.**
- **Online measurement in conjunction with free software.**
- **Memory for 200 measured values and 20 emission level values.**
- **On/Off display illumination.**
- **Visual and acoustic alarm if limit value exceeded.**

With unique patented **infra-red surface moisture measurement** via the integral moisture module.

Application:

Infra-red surface moisture measurement e.g. for detecting the risk of mould formation or to check how far above dewpoint.

Supplied with:

3 batteries No. 081561 size LR6 and calibration certificate.

Optional extras:

Dial indicator sensor No. 474120 size OF. EasyClimate software available for download free of charge.

Measuring range: -30 - 600 °C

Relative humidity measurement range: 0 - 100 %

Infra-red resolution: 0.1 °C

Moisture module resolution: 0.1 °C / 0.1 % rF / 0.1 °C td

Error limit (-30.0 to -20.1 °C): ±2.5 °C

Error limit (-20.0 to -0.1 °C): ±1.5 °C

Technical description

Error limit (0.0 to 99.9 °C)	±1.0 °C
Error limit remainder of measurement range	±1 % of measured value
Error limit (-20.0 to -0.1 °C)	±1.5 °C
Error limit (-30.0 to -20.1 °C)	±2.5 °C
Moisture module resolution	0.1 °C / 0.1 % rF / 0.1 °C td
Error limit humidity module	±2 % rH / ±0.5 °C
Relative humidity measurement range	0 - 100 %
Optics	50: 1
Height	63 mm
Width	166 mm
Infra-red resolution	0.1 °C
Length	193 mm
Emission level adjustable	0.1 - 1
Measuring range	-30 - 600 °C
Weight	514 g
Number of batteries contained	3
Article no of the battery / rechargeable battery fitted	081561 LR6
Power supply	Rechargeable battery-powered
Number of laser dots	4
Calibration	15
Type of product	Infrared temperature and moisture measuring device

Services

Calibration Infra-red temperature measuring tool Type A	016730 A
Labelling laser-etched Type	018940
DAkkS calibration Infra-red temperature measuring tool Type A	016890 A
Calibration Infra-red temperature measuring tool Type A	027600 A
DAkkS calibration Infra-red temperature measuring tool Type A	027610 A

Accessories

Alkaline manganese battery set International size LR6	081555 LR6
Alkaline-manganese batteries International size 6LR61	081556 6LR61
Temperature sensor Type K Type OF	474120 OF