

tempmate.[®]-IR series

→ High Accurate Infrared Thermometer



+ High accuracy

+ Wide measuring range

+ Available with USB connection



LOGISTICS



FOOD & PRODUCE



INDUSTRIES

Intuitive infrared thermometer with high accuracy for fast measurements.

tempmate.[®]-IR series infrared thermometer are built for logistic processes, quality management in food, pharma and industries.

tempmate.[®]-IR series infrared thermometer are optionally equipped with adjustable emissivity, USB connection and precise 50:1 optic.



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USB Connection



Backlight



Temperature Range
-50°C to +1650°C



Auto Power Off



Alarm

tempmate.®-IR

If temperature matters.



tempmate.®-IR10



tempmate.®-IR20



tempmate.®-IR30

Curious about your cold chain?

tempmate.®-IR measures temperature reliable.

tempmate.®-IR thermometers are built for fast and reliable temperature measuring in logistic, production of food and beverages, industries and crafts. tempmate.®-IR thermometer give you a fast feedback about the current surface temperature, are calibrated for precise measurements to give you the most reliable feedback.



Your Benefits at a Glance

- + High accuracy
- + Wide temperature range
- + Fast measurement
- + Calibrated with certificate
- + Distance to spot size up to 50:1
- + USB connection possible
- + Detailed information on the display

Technical Specifications

	tempmate.®-IR10	tempmate.®-IR20	tempmate.®-IR30
Temperature Range	-50°C to 420°C (-58°F to 788°F)	-50°C to ~700°C (-58°F to ~1292°F)	-30°C to ~1650°C (-22°F to ~3002°F)
Temperature Accuracy	±1.5% or ±1.5°C	±1.5% or ±1.5°C	±1.5% or ±1.5°C
Repeatability	±1% or ±1°C	±1% or ±1°C	±1% or ±1°C
Distance to Spot Size	12:1	12:1	50:1
Emissivity	0.95 Preset	0.1~ 1.00 Adjustable	0.1~ 1.00 Adjustable
Display Resolution	0.1°C/°F	0.1°C/°F	0.1°C/°F
Response Time	500ms	500ms	500ms
Wave Length	8 - 14µm	8 - 14µm	8 - 14µm
PC Connection	-	-	USB interface
Analysis	-	MAX/MIN/AVG/DIF Reading	MAX/MIN/AVG/DIF Reading
Temperature Alarm	-	High/Low	High/Low
Storage	-	Data Store/Recall Function	Data Store/Recall Function
Switch	°C/°F	°C/°F	°C/°F
Hold	Yes	Yes	Yes
Laser	On/Off Switch	On/Off Switch	On/Off Switch
Backlight	On/Off Switch	On/Off Switch	On/Off Switch
Auto Power Off	after 7 seconds without any operation	after 7 seconds without any operation	after 7 seconds without any operation
Power	9V Battery	9V Battery	9V Battery
Weight	164.5g (Including Battery)	224.2g (Including Battery)	315g (Including Battery)
Dimension	153*101*43mm	172*110*50mm	220*141*60mm
Packaging	Blister	Hard Case	Hard Case

