

Specifications

Temperature Range	-30 °C to 200 °C (-20 °F to 400 °F)
Accuracy [Assumes ambient operating temperature of 23 °C ± 2 ° (73 °F ± 4 °F)]	Between 0 °C and 65 °C (32 °F to 150 °F): ± 1 °C (± 2 °F). Below 0 °C (32 °F): ± 1 °C (± 2 °F) ± 0.1 degree. Above 65 °C (150 °F): ± 1.5 % of reading.
Response Time	< 500 ms after initial reading
Spectral Response	8 – 14 microns
Emissivity	Pre-set for foodservice applications
Distance to Spot Size / Optical Resolution (D:S)	2.5:1 @ 90 % energy, typical
Typical Working Range (Target Illumination)	≈25 mm to 250 mm (≈1 in to 10 in)
Minimum Target Size	12 mm (0.5 in) ∅
Illumination to IR Channel Offset	13 mm (0.52 in)
Repeatability	Within accuracy specifications of the unit
Ambient Operating Range	0 °C to 50 °C (32 °F to 122 °F)
Relative Humidity	90 % (± 5 %) RH noncondensing @ 30 °C (86 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Weight/Dimensions (with Battery)	150 mm x 30 mm x 50 mm (6.5 in x 1.25 in x 2 in) 100 g (0.22 lbs)
Power	1 AA alkaline
Battery Life (Alkaline)	10 hours minimum @ 23 °C (73 °F)
Target Illumination	High brightness LED
Display Hold (7 seconds)	•
Temperature Display	4 digits, 0.2 °C resolution (0.5 °F)
Environmental	IP54 sealing (hand-washable, non-submersible)
Standards	Conforms to EN 61236-1 Electromagnetic Emissions and Susceptibility, EN 6101-1 General Safety
Certifications	CE, NSF
Warranty	2 years, limited



Ordering information

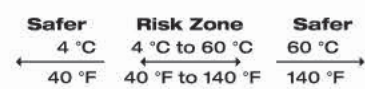
FLUKE-FP FoodPro Food Safety Thermometer

Included with the FoodPro

- AA battery
- Quick Start Guide

HACCP Check

Spotting critical temperatures has never been easier or faster. The HACCP (Hazard Analysis Critical Control Point) Check "Go/No-Go" lights on the FoodPro unit signals immediately if temperatures are within the HACCP guidelines for safe hot or cold food holding.



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