

FLUKE®



## FoodPro Series Temperature measurement instruments



**Scan** Quickly scan temperatures without risk of cross-contamination

**Probe** Verify internal temperatures with flip down probe thermometer (*FoodPro Plus unit only*)

**Timer** Set adjustable alarms for line check reminders (*FoodPro Plus unit only*)

**HACCP Check** Indication lights instantly warn of potentially unsafe temperatures

**Hand Washable** Sealed to IP54 standards for long life expectancy and accuracy

**Spot Illumination** Target IR measurements highlighted by LED

**Extended Life** Two year warranty standard for normal use

## The Fluke FoodPro thermometer series provides advanced temperature measurement solutions for the foodservice industry.

Foodservice professionals understand the need for complete, accurate and fast temperature monitoring from point of receiving through holding and serving. Monitoring temperature is essential to keeping food safe. Regular monitoring of temperatures and adherence to food safety guidelines makes for better business—increasing

food safety and reducing liability and food waste. The combination of both FoodPro thermometers provides a complete temperature measurement and monitoring solution for foodservice professionals.

### FoodPro Thermometer The first line of defense

The FoodPro non-contact thermometer is the first line of defense in the battle against improper receiving, storage and holding temperatures. Using infrared, the highly accurate FoodPro quickly reads surface temperatures, allowing workers to make rapid and frequent temperature measurements faster than contact units and without fear of cross contamination. The easy-to-see illumination light shows the temperature measurement spot and removes the targeting guesswork.



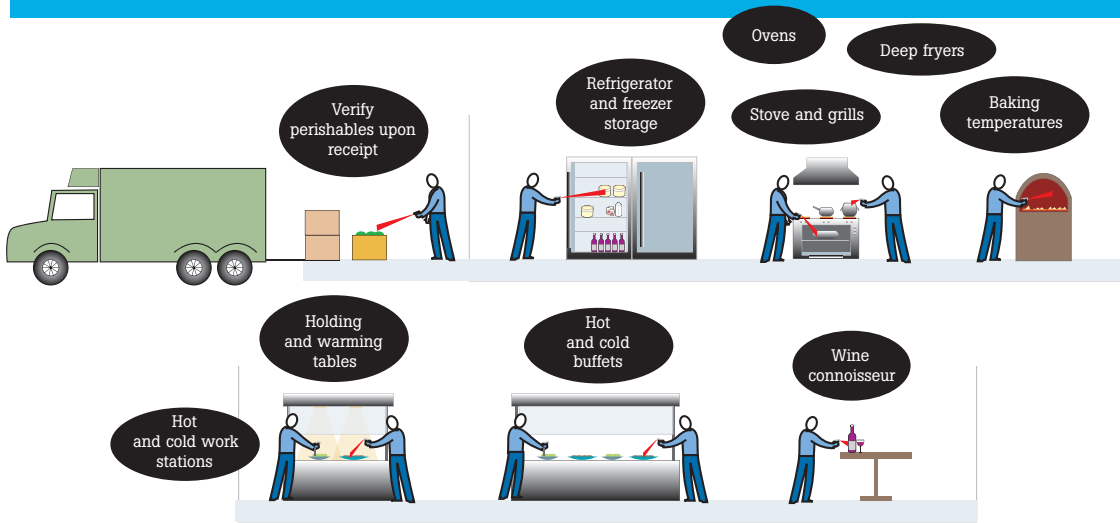
### FoodPro Plus Thermometer The total temperature solution



The Fluke FoodPro Plus is a combination infrared surface temperature scanner and probe thermometer with an integrated countdown timer to monitor line checks and cooking and cooling intervals. Infrared readings feature a target illumination light to quickly locate and highlight the measurement spot; the dual-reading display shows the highest scanned temperature alongside the current reading. The quick response, field replaceable RTD (Resistant Thermal Device) platinum tipped probe does not need recalibration.

The FoodPro Plus is a rugged, long term and indispensable tool for every type of foodservice establishment.

# A multitude of uses in every kitchen and facility



## Non-contact line checks

Industry standards require internal temperature measurements for line checks to be taken with a probe 25 mm below the surface (2001 NSF/ANSI 7 standard, section 6.3.2). To apply a similar method with the Fluke FoodPro, push back food 25 mm deep and take the temperature with an infrared scan. Line checks can be accomplished 10-20 times faster when using a fast response infrared thermometer compared to a contact unit, and at the same time eliminate cross contamination risk.



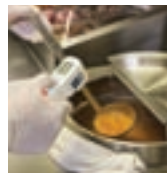
Deep fryers



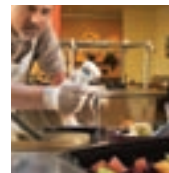
Probe meat and poultry



Cold storage



Preparing foods



Steam tables and salad bars

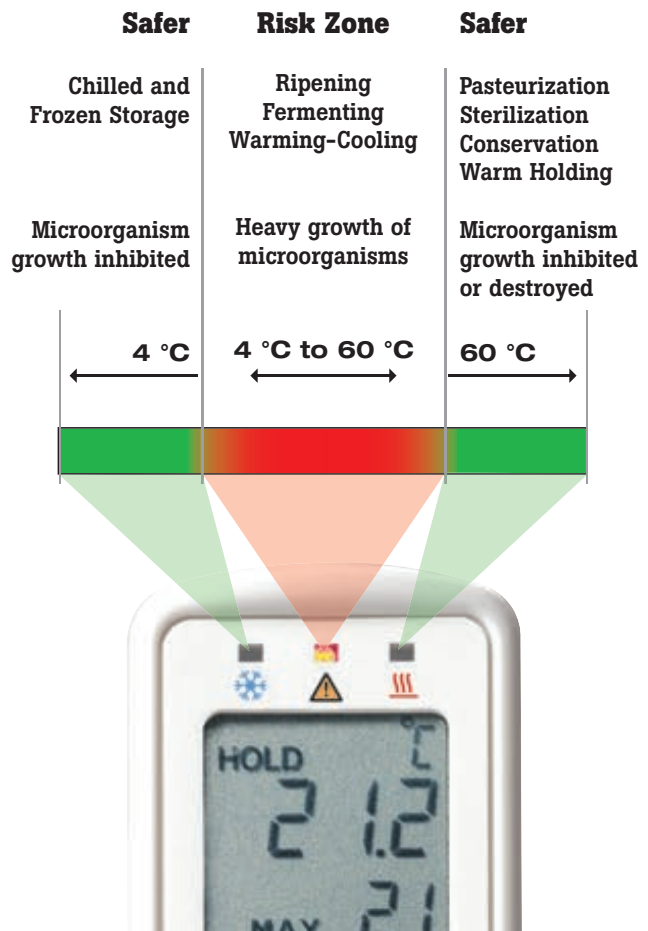


IP54 sealed for easy cleanup

## HACCP check

Spotting critical temperatures has never been easier or faster. The HACCP Check "Go/No-Go" lights on all FoodPro models show immediately if temperatures are within HACCP guidelines for safe hot or cold food holding. A green light indicates safe hot or cold holding temperatures, while potentially dangerous food temperatures trigger a red light.

Local government authorities recommend the use of HACCP (Hazard Analysis Critical Control Points) temperature thresholds where time and temperature rules apply. These guidelines are recommended to food service professionals and institutions for controlling the temperatures that product should be stored, cooked, or cooled to, as well as the length of time food products can safely remain at specific temperatures.



|                                   | FoodPro (Fluke FP)  | FoodPro Plus (Fluke FP PLUS)  |   |
|-----------------------------------|---|---|---|
| Infrared Thermometer              | Temperature   | -30 °C to 200 °C  | -35 °C to 275 °C  |
|                                   | RangeAccuracy<br>(Assumes ambient operating temperature of 23 °C ± 2 °C (73 °F ± 4 °F)) | Between 0 °C and 65 °C: ± 1 °C<br>Below 0 °C: ± 1 °C ± 0.1 degree/degree<br>Above 65 °C: ± 1.5 % of reading | Between 0 °C and 65 °C: ± 1 °C<br>Below 0 °C: ± 1 °C ± 0.1 degree/degree<br>Above 65 °C: ± 1.5 % of reading |
|                                   | Response Time   | < 500 ms after initial reading  | < 500 ms after initial reading  |
|                                   | Spectral response   | 8-14 microns  | 8-14 microns  |
|                                   | Emissivity  | Pre-set for food service applications   | Pre-set for food service applications   |
|                                   | Distance to Spot Size/ Optical Resolution (D:S)   | 2.5:1 @ 90 % energy, typical  | 2.5:1 @ 90 % energy, typical  |
|                                   | Typical Working Range (Target Illumination)   | ≈25 mm to 250 mm  | ≈25 mm to 250 mm  |
|                                   | Minimum Target Size   | 12 mm Ø   | 12 mm Ø   |
| Illumination to IR Channel Offset | 13 mm   | 13 mm   |   |
| Probe Thermometer                 | Temperature Range   | –   | -40 °C to 200 °C  |
|                                   | Accuracy<br>(Assumes ambient operating temperature of 23 °C ± 2 °C)                     | –   | Between -5 °C and 65 °C: ± 0.5 °C<br>Below -5 °C: ± 1 °C<br>Above 65 °C: ± 1 % of reading                   |
|                                   | Response Time   | –   | 7-8 seconds (3 time constants)  |
|                                   | Probe Dimensions  | –   | Diameter: 3.0 mm<br>Length: 80 mm   |
|                                   | Sensor Type   | –   | Thin-film Platinum, Class A, Resistance Thermal Device (RTD)  |
| Operational                       | Repeatability   | Within the accuracy specifications of the unit  | Within the accuracy specifications of the unit  |
|                                   | Ambient Operating Range   | 0 °C to 50 °C   | 0 °C to 50 °C   |
|                                   | Relative Humidity   | 90 % (± 5%) RH non-condensing @30 °C  | 90 % (± 5%) RH non-condensing @30 °C  |
|                                   | Storage Temperature   | -20 °C to 60 °C   | -20 °C to 60 °C   |
|                                   | Weight/Dimensions (with Battery)  | 100 g<br>150 mm x 30 mm x 50 mm   | 150 g<br>165 mm x 32 mm x 50 mm   |
|                                   | Power   | 1 AA Alkaline   | 9 V Alkaline  |
|                                   | Battery Life (Alkaline)   | 10 hours minimum @ 23 °C  | 10 hours minimum @ 23 °C  |
|                                   | Target Illumination Light   | High Brightness LED   | High Brightness LED   |
|                                   | Display Hold (7 seconds)  | •   | •   |
|                                   | LCD Backlit Display   | –   | •   |
|                                   | Temperature Display   | 4 digits, 0.2 °C resolution   | 4 digits, 0.1 °C resolution   |
|                                   | Max. Temp. Displayed  | –   | •   |
|                                   | Timer   | –   | Integrated countdown timer, adjustable from 10 seconds to 7 hours, 59 minutes                               |
|                                   | Environmental   | IP54 sealing (hand-washable, non-submersible)   | IP54 sealing (hand-washable, non-submersible)   |
|                                   | Other   | Calibration Certificate   | –   |
| Standards                         |   | Conforms to EN 61326-1 Electromagnetic Emissions and Susceptibility, EN 61010-1 General Safety              | Conforms to EN 61326-1 Electromagnetic Emissions and Susceptibility, EN 61010-1 General Safety              |
| Certifications                    |   | CE NSF  | CE NSF  |
| Warranty                          |   | 2 year limited  | 2 year limited  |
| Included Accessories              |   | Battery, User's Guide   | Battery, Carrying Pouch, User's Manual, Quick Start Guide   |
| Options Accessories               |   | –   | Replacement Probe (FP PROBE)  |



**Fluke.** Keeping your world up and running.

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