

Foodcare

HI9350041

T-Type Thermocouple Thermometer

with ultra-fast probe

- FC767C1 ultra-fast T-type thermocouple probe
- CAL Check™ feature
- Remaining battery life indication / low battery detection
- Stability Indicator
 - An hourglass indicator is displayed on the LCD until a stable reading is obtained.
- Auto-off
- IP65 Waterproof casing

The HI9350041 is a waterproof portable T-Type thermocouple thermometer made for the food professional that is required to monitor temperature as part of a hazardous analysis of critical control points (HACCP) plan including in food service, production, packaging, transportation, restaurants or catering. The HI9350041, as a meter, can measure over a wide range of temperatures from -50.0°C (-58.0°F) up to 300°C (572°F) and offers a very high accuracy of ±0.4°C (±0.7°F). The accuracy of the meter is assured with advanced diagnostic features including CAL Check that checks for abnormal drift of the internal electronics, battery error prevention system (BEPS) that will not allow a reading to be taken when there is not sufficient battery power and probe diagnostics that alert the user when the probe is not connected or has been damaged.

HI9350041 Foodcare thermometer is supplied with the replaceable FC767C1 Ultra-Fast T-Type thermocouple probe that will reach 90% of the final reading within 4 seconds. The tip of FC767C1 is just 1.6 mm (0.06") in diameter allowing for easy penetrations into solids and semi-solids. The AISI 316 stainless steel body is 95 mm (3.7") long and is safe for food contact in compliance with Regulation (EC) 1935/2004.

The HI9350041 with the HI767C1 is certified according to EN13485:2001 standard that has strict requirements for accuracy, response time, operating and storage conditions as applied to the measurement of product temperature which are intended for use in transportation, storage and distribution facilities of refrigerated, frozen or deep-frozen food and ice cream.



Our optional HI710027 blue shockproof rubber boot offers maximum impact protection.

Interchangeable with FC767 series thermocouple probes

Specifications	HI9350041
Range*	-50.0 to 199.9°C / 200 to 300°C; -58.0 to 399.9°F / 400 to 572°F
Resolution	0.1°C (-50.0 to 199.9°C) / 1°C (200 to 300°C); 0.1°F (-58.0 to 399.9°F) / 1°F (400 to 572°F)
Meter Accuracy @ 23.0°C ±5°C	±0.4°C (-50.0 to 300°C); ±0.7°F (-58.0 to 572°F)
Probe Accuracy (FC767C1)	±0.6°C (-50 to 100.0°C); ±1.6°C (100.0 to 300°C); ±1.1°F (-58 to 212°F); ±2.9°F (212 to 572°F)
Response time for 90% of final value	4 seconds
Probe	FC767C1 penetration, T-type thermocouple probe with 1 m (3.3') white cable and white handle
Battery Type / Life	1.5V AAA (3) / approximately 3500 hours of continuous use; user-selectable auto-off after 8 or 60 minutes of non-use (can be disabled).
Environment	for air measurement: Type E for product internal measurement: rated operating condition: -20 to 50°C (-4 to 122°F) limiting condition: -30 to 50°C (-22 to 122°F) storage and transportation condition: -40 to 70°C (-40 to 158°F) relative humidity 100 %
Storage/transport temperature	-40 to 70°C (-40 to 158°F)
Dimensions	140 x 57 x 28 mm (5.5 x 2.2 x 1.1")
Mass	178 g (6.27 oz.)
Ordering Information	HI9350041 is supplied with FC767C1 temperature probe, 1.5V AAA batteries (3), quick reference guide, and instructions.

*The measurement range may be limited by probe type, and applies to the probe shaft.