

HI9350011

# K-Type Thermocouple Thermometer

with ultra-fast probe

- FC766C1 ultra-fast K-type thermocouple probe
- CAL Check™ feature
- Remaining battery life indication/ low battery detection
- Auto-off
- IP65 Waterproof casing

The HI9350011 is a waterproof portable K-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 HI9350011, as a meter, can measure over a wide range of temperatures from -50.0°C (-58.0°F) up to 300°C (573°F) and offers a very high accuracy of  $\pm 0.4^\circ\text{C}$  ( $\pm 0.7^\circ\text{F}$ ). 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.

HI9350011 Foodcare thermometer is supplied with the replaceable FC766C1 Ultra-Fast K-Type thermocouple probe that will reach 90% of the final reading within 4 seconds. The tip of FC766C1 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.



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



Interchangeable with FC766 series thermocouple probes

Specifications	HI9350011
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 $\pm 5^\circ\text{C}$	$\pm 0.4^\circ\text{C}$ (-50.0 to 300°C); $\pm 0.7^\circ\text{F}$ (-58.0 to 572°F)
Probe Accuracy (FC766C1)	$\pm 1.6^\circ\text{C}$ (-50.0 to 300°C); $\pm 2.9^\circ\text{F}$ (-58.0 to 572°F)
Response time for 90% of final value	4 seconds
Probe	FC766C1 penetration, K-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	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")
Weight	178 g (6.27 oz.)
Ordering Information	<b>HI9350011</b> is supplied with FC766C1 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.