

HI93501

Thermistor Thermometer

- EN 13485 compliant
- FC762PW thermistor probe
- CAL Check™ feature
- Remaining battery life indication / low battery detection
- Auto-off
- IP65 Waterproof casing

Food service, food preparation, packaging, storage and transport of food require temperature to be monitored or controlled. Spot checking temperatures with Hanna food thermometers ensures daily work routines are carried out at the correct temperature.

HI93501 is a thermistor style thermometer that includes a stainless steel replaceable style penetration probe (FC762PW). It measures temperatures from -50 to 150°C (-58 to 302.0°F).

Standard features include waterproof casing (rated IP65) and stainless steel penetration probe designed for continuous contact with foodstuffs in accordance with regulation (EC) number 1935/2004. HI93501 also includes features such as CAL Check, low battery detection, auto-off capability, and long battery life.



Our optional HI710026 blue shockproof rubber boot offers maximum impact protection.



Interchangeable with FC762 series thermistor probes

Specifications	HI93501
Range*	-50.0 to 150.0°C; -58.0 to 302.0°F
Resolution	0.1°C; 0.1°F
Meter Accuracy @ 23.0°C ±5°C	±0.1°C (-50.0 to 150.0°C); ±0.2°F (-58.0 to 302.0°F)
Probe Accuracy (FC762PW)	±0.3°C (-10.0 to 80.0°C); ±0.5°F (14 to 176°F); ±0.7°C / ±1.3°F remaining range
Response time for 90% of final value	10 seconds
Probe	FC762PW general purpose penetration probe with 1 m (3.3') white cable and white handle
Battery Type / Life	1.5V AAA (3) / approximately 4500 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	175 g (6.17 oz.)
Certification	EN 13485:2001 suitability: storage and transport; climatic environment: E; accuracy class: 1;
Ordering Information	HI93501 is supplied with FC762PW temperature probe, 1.5V AAA batteries (3), quick reference guide, and instructions. HI93501-03 includes the above without probe.

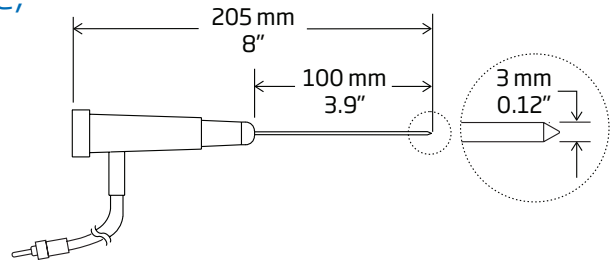
* The measurement range may be limited by probe type, and applies to the probe shaft.

FC762 Foodcare Thermistor Probes

General Specifications				
Sensor	Range	Accuracy	Interchange Error	Connector Type
NTC Thermistor	-50 to 150°C (-58 to 302°F)	±0.3°C (-10 to 80°C)/ ±0.5°F (14 to 176°F); ±0.7°C / ±1.3°F (outside)	±0.2°C (±0.4°F)	RCA

FC762PW

Foodcare Penetration Probe, General Purpose

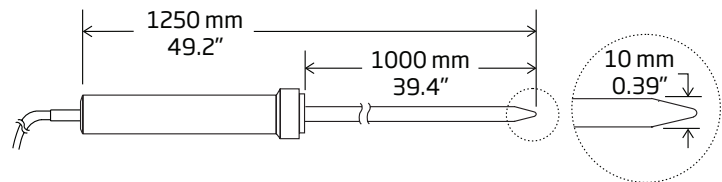


Specifications

Code	Response time (90% of final value)	Probe Dimensions	Probe Material	Probe Handle	Probe Handle Color	Cable Type	Cable Length
FC762PW	6 seconds	L 100 mm x dia 3 mm (3.9 x 0.12")	AISI 316 stainless steel	Polypropylene (PP)	white	PVC/straight	white / 2 m (6.6') Cable

FC762N2

Foodcare Probe for Tanks, Vessels, and Vats



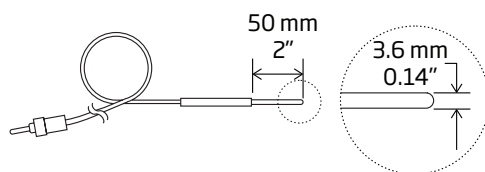
Specifications

Code	Response time (90% of final value)	Probe Dimensions	Probe Material	Probe Handle	Probe Handle Color	Cable Type	Cable Color/Length
FC762N2		L 1000 mm x 10 mm (39" x 0.39")	Stainless steel	PVDF	white	PVC/straight	white / 2 m (6.6')

FC762W1/2

Wire probe designed for liquid immersion

Probe does not incorporate a handle.



Specifications

Code	Response time (90% of final value)	Probe Dimensions	Probe Material	Probe Handle	Probe Handle Color	Cable Type	Cable Color/Length
FC762W1/2	2min 45sec (98%FS)	L 50 mm x dia 3.6 mm (2" x 0.14")	AISI 316 stainless steel	-	-	PVC/straight	white / 2 m (6.6')