



HI935012

Brewing Thermometer

with 1 m stainless steel probe

- FC762N2 1 m (3.3') stainless steel thermistor probe
- Durable IP67 waterproof casing
 - Designed to withstand the knocks, drops, and spills of real life, the new IP67 body ensures top performance in any environment. These meters are totally protected against dust and water intrusion from any direction.
- Probe Error Messages
 - The "NO PROBE" message is displayed on the meter when a probe is not attached or there is a break in the cable.
- CAL Check™
 - The calibration check (CAL Check) feature of the HI935012 is an internal diagnostic feature that checks for any drift in the electronics that occurs with all digital thermometers over time. When the meter is turned CAL Check looks to see if the internal calibration is within +/- 0.3 oC. If the drift is greater and error (err) message will be displayed. With CAL Check you can be confident that the meter is working properly.
- Large LCD
 - An enhanced LCD displays the measurement reading in oC or oF, stability indicator, error messages, and low battery indicator.
- Stability Indicator
 - An hourglass indicator is displayed on the LCD until a stable reading is obtained. Once a reading stabilizes, the indicator disappears and a reading can be recorded.
- Long Battery Life:
 - The thermometer has an exceptional battery life of approximately 4500 hours using three common AAA batteries. The battery percent level is displayed when powered on alerting the user to the remaining battery life.
- Automatic Shut-off
 - The meter can be set to automatically turn off after 8 minutes or 60 minutes to conserve battery life in the event that the meter is left on. The auto-off feature can also be disabled.

HI935012 includes HI710026 blue shockproof rubber boot to offer maximum impact protection.



The HI935012 is a waterproof portable thermistor thermometer made for the brewing professional that needs to measure the temperature in the center of a tank or vessel. This meter can be used at other critical points of the brewing process including the wort boil and fermentation. The HI935012 is supplied with the FC762N2 thermistor probe that is made of stainless steel and is 1 meter long. For a fast and accurate measurement the pre-calibrated semi-conductor sensor is located in the tip of the probe.

The HI935012, as a meter, can measure over a wide range of temperatures from -50.0 oC (-58.0 oF) up to 150 oC (302 oF) and offers a very high accuracy of +/-0.1 oC (+/-0.2 oF). The accuracy of the meter is assured with advanced diagnostic features including CAL-Check that checks for an abnormal drift of the internal electronics. Using a properly prepared ice bath, the meter and probe can be calibrated by the user. Additional features to have confidence in the measurements include a 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.

Supplied with Instrument Quality Certificate- HI935012 with the FC762N2 are calibrated according to an ISO9001 calibration system using standards and reference instruments in which the accuracy is traceable the National Institute of Standards (NIST) in the USA, or to internationally acceptable physical standards.

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



1 M stainless steel probe

The supplied FC762N2 thermistor probe that is 1 M (39") long and 10 mm (0.39") in diameter. This extra long probe allows for the measurement of temperature in the middle of tank to make sure it is consistent throughout.



Supplied with carrying case

The HI935102 is supplied with a soft carrying case that holds both the probe and the meter. There is a pouch inside for easy access to the meter.



Interchangeable with FC762 series thermistor probes



Specifications	HI935012
Range*	-20.0 to 120.0°C; -4.0 to 248.0°F
Resolution	0.1°C; 0.1°F
Meter Accuracy @ 23.0°C ±5°C	±0.1°C (-20.0 to 120.0°C); ±0.2°F (-4.0 to 248.0°F)
Probe Accuracy (FC762N2)	±0.3°C (-10.0 to 80.0°C); ±0.5°F (14 to 176°F); ±0.7°C / ±1.3°F remaining range
Probe	FC762N2 1 m (3.3') 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 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.)
Ordering Information	HI935012 is supplied with FC762N2 temperature probe, protective rubber boot, 1.5V AAA batteries (3), quick reference guide, and instructions in a soft carrying case.