

Specialized flat tip pH sensor

Supplied complete

Supplied complete with meter, probe, calibration solutions, and cleaning solutions

Foodcare

HI981031

Beer pH Tester

with specialized probe

The HI981031 Beer pH tester is an application specific designed pH tester for the measurement of pH during the brewing process. This meter offers many advanced features including an application specific pH electrode for measuring the pH of mash, cooled wort, and beer samples with a temperature up to 80°C (176°F).

- Titanium body
  - A titanium body offers additional protection as compared to traditional glass body pH probes.
- Flat tip pH sensor
  - The flat tip sensor allows easy cleaning of the pH sensing surface as compared to rounded bulbs as solids from mash and cooled wort collect on the surface.
- Large LCD
  - An enhanced LCD displays the measurement reading, stability indicator, low battery indicator, and calibration tags.
- Automatic calibration
  - The Foodcare Beer pH Tester is calibrated automatically to one or two points. The calibration buffers are automatically recognized and after calibration the buffer values used are shown on the display as a tag.
- Automatic temperature compensation
- 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 taken.
- 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.
- Probe diagnostic
  - During calibration the meter will display an error (Err) message as an indicator that the probe needs to be cleaned.
- Long battery life
  - The Foodcare Beer pH Tester has an exceptional battery life of approximately 700 hours. When the battery power is running low, a low battery indicator is displayed.
- Economical
  - The Foodcare Beer pH Tester is a fully featured meter at a price that is affordable for both the home brewer to professional brewmaster looking to start experimenting with pH measurements.

Specifications		HI981031
pH	Range	0.00 to 12.00 pH
	Resolution	0.01 pH
	Accuracy (@25°C/77°F)	±0.05 pH
	Calibration	automatic, one or two-point
Additional Specifications	Temperature Compensation	automatic, 0 to 50°C (32 to 122°F)
	Glass Type	LT (low temperature)
	Battery Type / Life	CR2032 Li-ion / approx. 800 hours of continuous use
	Auto-off	8 minutes, 60 minutes, or can be disabled
	Environment	0 to 50°C (32 to 122°F); RH 95% max
	Dimensions	51 x 165 x 21 mm (2 x 6.5 x 0.9")
	Weight	58 g (2 oz.)
Ordering Information	**HI981031** is supplied with pH 4.01 buffer solution sachets (2), pH 7.01 buffer solution sachets (2), electrode cleaning solution sachets for brewing deposits (2), electrode storage solution, CR2032 3V Li-ion battery, quality certificate, and instruction manual.	

pH solutions begin on page 2.154; see specific cleaning solutions on 2.169