

## Foodcare

HI99151

## Portable pH Meter

for Beer Analysis

- Simultaneous pH and temperature measurements on a large dual-line LCD display
- User-friendly two button design
- Application specific probe
- Durable IP67 waterproof casing
- Watertight probe connection
- Probe condition indicator
- Automatic pH calibration at one or two points within two memorized buffer sets (standard or NIST)
- On-screen calibration tags
- mV of pH measurement for electrode check
- Selectable temperature unit (°C or °F)
- Auto-off function
- Battery life indication and low battery detection



- Optional shockproof silicon rubber boot
- Specially designed to protect your instrument from damage or impact

**HI710028** Orange  
**HI710029** Blue  
**HI710030** Green

HI99151 is a portable, microprocessor-based pH and temperature meter specifically designed for beer brewing.

It is supplied with the FC2143 rugged double junction pH electrode with a flat pH sensor profile, cloth reference junction and titanium body perfect for brewing operations.

There are no crevices to collect solids and the pH and temperature specifications are pertinent to most brewing operations. If the junction becomes discolored, simply extract a fresh 1/8" section and trim off the soiled part.

Together, they are versatile tools for measuring the pH in brewing operations such as mashing and wort separations, measuring the pH of the cooled wort boil, checking the fermentation pH and checking the finished or conditioned beer.

## Specifications

## HI99151

pH	Range*	-2.00 to 16.00 pH / -2.0 to 16.0 pH
	Resolution	0.01 pH / 0.1 pH
	Accuracy (@25°C/77°F)	±0.02 pH / ±0.1 pH
	Calibration	Automatic, one or two-point selectable bufferset standard: 4.01; 7.01; 10.01 or NIST: 4.01; 6.86; 9.18
pH-mV	Range*	±825 mV
	Resolution	1 mV
	Accuracy (@25°C/77°F)	±1 mV
Temperature	Range*	-5.0 to 105.0°C; 23.0 to 221.0°F
	Resolution	0.1°C; 0.1°F
	Accuracy (@25°C/77°F)	±0.5°C (up to 60°C), ±1.0°C (outside); ±1.0°F (up to 140°F), ±2.0°F (outside)
Additional Specifications	Temperature Compensation	automatic, from -5.0 to 105.0°C (23.0 to 221.0°F)
	Probe (included)	FC2143 preamplified pH/temperature probe with DIN connector and 1 m (3.3') cable, titanium body
	Battery Type / Life	1.5V AAA (3) approx. 1400 hours of continuous use
	Auto-off	user selectable: after 8 min, 60 min or disabled
	Environment	0 to 50°C (32 to 122°F); RH max. 100%
	Meter Dimensions	154 x 63 x 30 mm (6.1 x 2.5 x 1.2")
	Meter Mass (with batteries)	196 g (6.91 oz.)
	Case Ingress Protection Rating	IP67

## Ordering Information

**HI99151** is supplied with FC2143 preamplified pH/temperature probe with Quick Connect DIN connector and 1 m (3.3') cable, pH 4.01 and 7.01 buffer sachets, HI700682 electrode cleaning solution for brewing deposits sachets (2), 100 mL beaker, 1.5V AAA batteries (3), calibration certificate of meter, calibration certificate of probe, instruction manual and HI710142 rugged carrying case.

\* the FC2143 is limited to be used from 0 to 12 pH and from 0 to 80°C temperature (32 to 176°F)