

# Foodcare

HI981036 • HI981045

## Meat pH Testers

with specialized probe

HI981036 and HI981045 Foodcare Meat pH testers are application specific designed pH testers for the measurement of pH during the meat processing process. These testers offer many advanced features including a pH electrode designed specifically for meat.

- Meets Hazard Analysis Critical Control (HACCP) process standards
- pH electrode with replaceable bridge electrolyte
  - The pH electrode has an outer junction sleeve that can be removed and cleaned. Once cleaned a small amount of supplied gel electrolyte is added and the junction is refreshed improving the pH measurement and extending the life of the meter.
- Low temperature (LT) glass
  - The pH glass tip uses a special low temperature (LT) glass formulation suited for fast stabilization and accurate results at lower temperatures in order to have the ideal resistance for the measuring circuit.
- Conical tip
  - Allows for easy penetration into solids and semisolids, which is needed when wanting to take a direct measurement in meat.
- Removable stainless steel meat blade available (HI981045 only)
  - The HI981045 features threads at the base of the probe for compatibility with the FC097 stainless steel meat blade (optional accessory).
- PVDF body
  - Polyvinylidene Fluoride (PVDF) is a food grade plastic that is resistant to most chemicals and solvents, including sodium hypochlorite. It has high abrasion resistance, mechanical strength, and resistance to ultraviolet light. PVDF is also resistant to fungal growth.
- Large LCD
  - An enhanced LCD displays the measurement reading, stability indicator, low battery indicator, and calibration tags.
- Automatic calibration
  - These testers are 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.
- 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
  - These testers can be set to automatically turn off after 8 minutes or 60 minutes to conserve battery life in the event that the tester 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
  - These testers have an exceptional battery life of approximately 800 hours. When the battery power is running low, the low battery indicator blinks.



HI981036

HI981045  
FC097 meat blade  
compatible

FC097 meat blade for  
HI981045 (optional)

Specifications	HI981036	HI981045
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)
	Blade Compatible	no                      yes, FC097
	Battery Type / Life	CR2032 Li-ion / approx. 800 hours of continuous use
	Auto-off	8 minutes, 60 minutes, or disabled
	Environment	0 to 50°C (32 to 122°F); RH 95% max
	Dimensions	51 x 148 x 21 mm (2 x 5.8 x 0.9")
	Weight	45 g (1.58 oz.)
Ordering Information	<b>HI981036</b> and <b>HI981045</b> (with thread) are supplied with pH 4.01 buffer solution sachets (2), pH 7.01 buffer solution sachets (2), electrode cleaning solution sachets (2), gelled bridge electrolyte, electrode storage solution, CR2032 3V Li-ion battery, quality certificate, and instruction manual.	
Accessories	<b>FC097</b> stainless steel meat blade for HI981045	