

Foodcare

HI981033

Wine pH Tester

with specialized probe

The HI981033 Foodcare Wine pH tester is an application specific designed pH tester for the measurement of pH of grape juice, must, and wine. This meter offers many advanced features including a unique Clogging Prevention System (CPS™) that uses a movable Polyethylene (PE) sleeve for the ability to clear any clogging of the reference junction. The CPS Technology results in a much longer life than standard pH testers.

- **pH electrode with PE movable sleeve junction (CPS Technology)**
 - The pH electrode of this tester uses a PE movable sleeve as part of the outer ground glass junction. The PE material repels solids to prevent clogging. When clogging does occur the sleeve can be moved and the ground glass surface cleaned resulting in stable readings and fast response time.
- **Refillable**
 - The open junction design of the PTFE sleeve allows for a high flow rate of electrolyte for a fast and steady reading. The sleeve can be moved to expose the fill hole for reference electrolyte. The ability to refill the probe extends the life of the electrode.
- **Low temperature (LT) glass**
 - The pH glass tip uses a special low temperature (LT) glass formulation with a lower resistance of approximately 50 Megaohms compared to general purpose (GP) with a resistance of about 100 Megaohms. This is beneficial when measuring samples at lower temperatures in order to have the ideal resistance for the measuring circuit.
- **Domed tip**
 - Allows for large surface area to be in contact with the wine sample.
- **Glass body**
 - A glass body is easy to clean and stain resistant.
- **Large LCD**
 - An enhanced LCD displays the measurement reading, stability indicator, low battery indicator, and calibration tags.
- **Automatic calibration**
 - The Foodcare Wine 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.
- **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.
- **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 Wine pH Tester has an exceptional battery life of approximately 700 hours. When the battery power is running low, a low battery indicator is displayed.

Clogging Prevention System (CPS) technology

Moveable, anti-clogging PE sleeve that maintains stability and fast response



Supplied complete

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

Specifications

HI981033

pH	Range	0.00 to 14.00 pH
	Resolution	0.01 pH
	Accuracy (@25°C/77°F)	±0.05 pH
	Calibration	automatic, one or two-point
Additional Specifications	Temperature Compensation	automatic, -5 to 60°C (23 to 140°F)
	Glass Type	LT (low temperature)
	Battery Type / Life	CR2032 Li-ion / approx. 700 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 157 x 21 mm (2 x 6.2 x 0.9")
	Weight	46 g (1.6 oz.)
Ordering Information	HI981033 is supplied with pH 3.00 buffer solution sachets (2), pH 7.01 buffer solution sachets (2), electrode cleaning solution sachets for wine stains (1) and deposits (1), electrolyte fill solution, electrode storage solution, refilling pipette, CR2032 3V Li-ion battery, quality certificate, and instruction manual.	