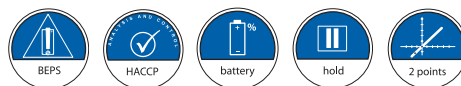


Waterproof Portable pH Meter for Dairy Products



HI 99161's waterproof casing provides excellent protection from water and humidity, typically present in the food industry.

HI 99161 is supplied with the FC 202D pH electrode with built-in temperature sensor, specially designed for use in the food sector. This electrode features a rugged, easy to clean, Kynar® body that tapers to a strong conic tip ideal for measurements in semisolids such as meats and cheeses. The electrode has a free diffusion sleeve type reference junction which prevents the typical problems of clogging in viscous liquids or samples with high solids content such as milk or condiments.

The electrolyte used in the FC 202D electrode is free from the poisonous silver chloride, which prevents food contamination by the electrode.

HI 99161 allows automatic calibration at either NIST or standard buffer sets with auto recognition and a stability indicator.

The temperature is continuously displayed on the secondary level of the large LCD.

The meter runs on common 1.5 AA type batteries and the LCD provides a low battery warning signal.



Specifications

| HI 99161 | |
|--------------------------|--|
| Range | 0.00 to 14.00 pH 0.0 to 60.0°C; 32.0 to 140.0°F |
| Resolution | 0.01 pH; 0.1°C; 0.1°F |
| Accuracy | ±0.01 pH; ±0.1°C; ±0.2°F |
| pH Calibration | automatic, 1 or 2 point with 2 sets of memorized buffers (pH 4.01/7.01/10.01 or 4.01/6.86/9.18) |
| Temperature Compensation | automatic, 0 to 60°C (32 to 140°F) |
| pH Electrode | FC 202D, with DIN connector and 1 m (3.3') cable (included) |
| Battery Type / Life | 4 x 1.5V AAA / approx. 1000 hours of continuous use |
| Environment | 0 to 50°C (32 to 122°F); RH max 100% |
| Dimensions / Weight | 150 x 80 x 36 mm (5.9 x 3.1 x 1.4") / 210 g (7.4 oz.) |

Accessories

| | | | |
|----------|--|------------|--|
| FC 202D | pH electrode with DIN connector and 1 m (3.3') cable | HI 700641P | Cleaning & disinfection solution for dairy products, 20 mL sachet, 25 pcs. |
| HI 7004L | pH 4.01 buffer solution, 500 mL bottle | HI 700642P | Cleaning solution for cheese deposits, 20 mL, 25 pcs. |
| HI 7007L | pH 7.01 buffer solution, 500 mL bottle | HI 710007 | Shockproof rubber boot, blue |
| HI 7010L | pH 10.01 buffer solution, 500 mL bottle | HI 710008 | Shockproof rubber boot, orange |

Ordering Information

HI 99161 is supplied with FC 202D pH electrode, pH 4 & pH 7 buffer sachets, HI 700642 cleaning solution (2 x 20 mL), batteries, rugged carrying case and instructions.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For pH and ORP electrodes, see section E. For accessories, see section U.