

### TECHNICAL DATA

#### Features

- Dual LCD displays temperature and pH measurements
- User selectable °F or °C
- Automatic temperature compensation
- One touch calibration with adjustable points
- Easily replaceable pH electrode module
- Data hold function
- Waterproof housing (IP65)
- Protective cap keeps sensor moistened
- Low battery indicator and auto shut off
- Includes protective cap, wrist strap, and batteries

#### Specifications

##### Temperature

Measuring Range: 32 to 140°F (0 to 60°C)  
 Accuracy: ±1.8°F (1°C)  
 Resolution: 0.1°F/°C

##### pH

Measuring Range: 0.00 to 14.00  
 Accuracy: ±0.05 pH  
 Resolution: 0.01 pH

##### General Specifications

Display: Dual Display, LCD  
 Data Hold: Yes  
 Auto Shut-off: Yes (after 20 mins)  
 Waterproof: Yes (IP65)  
 Low Battery Indicator: Yes  
 Power Supply: 4 x LR44 Cell Batteries  
 Product Certifications: CE  
 Operating Temperature: 32 to 140°F (0 to 60°C)  
 Storage Temperature: 14 to 140°F (-10 to 60°C)  
 Operating Humidity: 10-80%  
 Dimensions: 6.9 x 1.5 x 1.5"  
 (176 x 39 x 39mm)  
 Weight: 3.9 oz (110 g)



Model	Description
8689	Digital pH Pen
86P8	Replacement pH Electrode
PH-04	pH Buffer Solution, 4pH
PH-07	pH Buffer Solution, 7pH
R1004	4pH Calibration Buffer Pouches, 20-Pack
R1007	7pH Calibration Buffer Pouches, 20-Pack
CA-52A	Soft Carrying Case
8689-NIST	pH Pen & NIST

