



elcometer® 148 pH Meter

Can be used in accordance with: ASTM E 70



At a glance

- °C/°F switchable
- Displays temperature and pH
- Automatic temperature compensation
- Sensor can be easily replaced by the user

pH is the measure of acidity of a liquid. The pH scale ranges from 0 to 14pH - where 0pH is acidic and 14pH is alkaline. This simple, easy to use instrument measures both pH and temperature using a single sensor.

In many industries, pH measurement is critical to the correct performance of processes.

pH is temperature dependent thus the temperature of the sample under test will affect the pH value recorded.

The Elcometer 148 sensor has automatic temperature compensation, ensuring like-for-like measurements can be taken for meaningful comparison of the results.

The condition of the sensor is automatically monitored after each successive calibration and sensors can be easily replaced by the user as and when required.

- Simultaneously displays pH and temperature.
- Measurement hold / freeze function.
- Record maximum and minimum readings over a series of tests.
- °C / °F user switchable.
- Waterproof to IP57 and floats on water.
- Auto power off.
- Battery level indicator.

Technical Specifications

	pH	Temperature
Range	0 to 14pH	0 to 89°C
Resolution	0.01pH	0.1°C
Accuracy	±0.03pH	±0.5°C
Battery	4 x 1.5v AAA	
Calibration	3 point at 7pH, 4pH and 9pH	
Dimensions	195 x 40 x 36mm	
Weight	150g	
Packing List	Elcometer 148 pH Tester, pH/Temperature sensor, 4 x AAA batteries, wrist strap, 4pH calibration sachet, 7pH calibration sachet and operating instructions	

Part Numbers

Model	Description	Part Number
Elcometer 148	Elcometer 148 pH Tester	H148----1
Spares & Accessories	pH/Temperature Sensor	T14821766
	4pH Buffer Solution for Calibration: Capsules, Pack of 10	T14821768-1
	7pH Buffer Solution for Calibration: Capsules, Pack of 10	T14821768-2
	9pH Buffer Solution for Calibration: Capsules, Pack of 10	T14821768-3
	4.01pH Buffer Solution for Calibration: 100ml Bottle	T14821767-1
	7pH Buffer Solution for Calibration: 100ml Bottle	T14821767-2
	10.01pH Buffer Solution for Calibration: 100ml Bottle	T14821767-3