

AZ High Accuracy PH Meter



The 8686 AZ pH Meter features full IP65 waterproof protection and measures pH from 0.00 to 14.00, making it ideal for a wide range of water quality testing applications.

Its pH electrode is safeguarded by a semi-transparent cap that keeps the sensor moist and ready for use. Calibration is quick and simple thanks to the convenient one-touch auto-calibration function (up to 3 points).

The 8686 AZ is a reliable, professional-grade water quality tester, perfectly suited for laboratories, water treatment facilities, aquaculture and fish farms, swimming pools, and other related industries.

Features

- Large LCD dual display shows both pH and temperature simultaneously, with automatic temperature compensation (ATC) for accurate readings
- pH range: 0.00 to 14.00
- High resolution: 0.01 pH
- Measuring stability indicator for reliable results
- One-touch auto-calibration with up to 3 points (calibration values adjustable)
- Protective cap keeps the sensor moist to extend electrode life
- Fully waterproof housing (IP65 rating)
- Data hold function to freeze readings on screen
- Compact pen-size design – fits easily in your pocket
- Low battery indicator and automatic power-off for battery conservation

Technical Specification

Model	8686
pH Measuring Range	0.00~14.00
pH Accuracy	±0.05
pH Resolution	0.01
Temperature Measuring Range	0~60.0°C
Temperature Accuracy	±0.5°C
Temperature Resolution	0.1°C
pH Calibration	Up to 3 points
LCD Size	30(L) * 18(W) mm
Operating Temperature	0~50°C
Operating RH%	Humidity < 80%
Storage Temperature	-10~50°C
Storage RH%	Humidity < 90%
Sensor Life Time	>6 months (with good maintenance)
Meter Size	165(L) * 35(W) * 32(H) mm
Weight	~115g
Battery	LR44 *4 PCS

Packing List

AZ High Accuracy PH Meter

Batteries

Instruction Manual

Video



YouTube Video - AZ High Accuracy PH Meter Calibration (Click on the image to the left to view the video)

A 4-Minute Quick Guide: Calibrating, Cleaning, and Measuring pH (Water & Soil) with the AZ 8686 pH Meter.