

Portable type pH Meter /ORP Meter



- pH measurement is a versatile tool with applications spanning across various fields such as **colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, and marine exploration**. It plays a crucial role in detecting common acid rain, analyzing surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, and more.

Advantages of the PH measurement device include:

- A **5-inch LCD display screen** for clear readings.
- **Multi-reading feature** that allows for auto-read and continuous-read.
- **Automatic/Manual temperature compensation** to ensure accurate results.
- An **auto-hold feature** that senses and locks the measurement

endpoint.

- A data capacity of up to **200 sets** for each parameter.
- An **auto-power off feature** that effectively extends the battery service life.
- A reset feature that automatically resumes all settings back to factory default options.
- An **IP65 waterproof rating** for durability in various environments.
- The ability to calibrate with **1-3 points standard recognition**.
- **Automatic/Manual temperature compensation** for precise measurements.

The device's specifications are as follows:

- Model: MSPHP210ESWISS
- Parameters: pH/Temp.(mV)
 - pH Range: -2.00 to 18.00 pH
 - Resolution: 0.01 pH
 - Accuracy: ± 0.01 pH
 - Calibration Points: Up to 3
 - Auto Standard Recognition: NIST buffers
 - mV Range: -1999 to 1999 mV
 - Resolution: 1 mV
 - Accuracy: $\pm 0.1\%$ FS
- Temperature Range: -5 to 110 °C (23 to 230 °F)
- Resolution: 0.1 °C/°F
- Relative Accuracy: ± 0.2 °C/°F
- Measurement Reading Mode: Auto Read, Continuous
- Reading Prompts: Reading, Stable, Locked

Data management features include:

- Temperature compensation: ATC, MTC
- Data Storage: 200 results each

- pH Electrode: BNC(Q9)

Display options: Probe: 4-pin aviation connector

- Backlight: Yes
- Auto Shutdown: 300, 600, 1200, 1800, 3600 sec., off

General: IP Rating: IP65

- Electricity: Rechargeable Lithium battery, AC Adapter (100-240V AC input), DC5V output
- Dimensions: 80×225×35 mm
- Weight: 400g

This device is designed to provide reliable and accurate PH measurements for a wide range of applications. Its robust features make it an essential tool for professionals and researchers alike.