Portable type pH Meter /ORP Meter

Model **MSPHP210ESWISS** | Brand **Master Science** | Unit **Pc**



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.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
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Key Features

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.

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.

Technical Specifications

PARAMETER	SPECIFICATION
pH Range-2.00 to 18.00 pH	
Resolution0.01 pH	
Accuracy±0.01 pH	
Calibration PointsUp to 3	
Auto Standard RecognitionNIST buffers	
mV Range-1999 to 1999 mV	
Resolution1 mV	
Accuracy±0.1%FS	
Temperature Range-5 to 110 ºC (23 to 230 ºF)	
Resolution0.1 ºC/ºF	
Relative Accuracy±0.2 ºC/ºF	
Measurement Reading ModeAuto Read, Continuous	
Reading PromptsReading, Stable, Locked	
Temp. CompensationATC, MTC	
Data Storage200 results each	
pH ElectrodeBNC(Q9)	
Temp. Probe4-pin aviation connector	
Auto Shutdown300, 600, 1200, 1800, 3600 sec., off	
IP RatingIP65	
Dimensions80×225×35 mm	
Weight400g	
pH/Temp.(mV)	
ElectricityRechargeable Lithium battery, AC Adapter (100-240V AC input), DC5V output	
Backlight	Yes