ISFET pH Stainless Steel Micro Probe with Waterproof Connector

Product #: PHW17-SS
USD Price: Contact Hach
Contact for ship date

The Micro Probe is ideal for most general purpose applications. Specific connector for portable meters. You can now choose a probe that best fits your pH testing needs.

Waterproof Standard micro probe
This standard micro probe is designed for use in test tubes, flasks, or wherever there is a small sample size to be measured, or anywhere a longer reach is required.

ISFET Technology
ISFET sensor technology contains several proprietary layers deposited selectively on a silicon chip substrate. The final layer possesses an affinity for hydrogen ions only. The quantity of hydrogen ions at or near the sensor surface causes an electrical effect that is detected and measured as pH.

The durable ISFET silicon chip sensor eliminates problems associated with fragile glass bulb sensors.

Easy Storage and Maintenance
Unlike conventional electrodes, ISFET-style sensors store dry, eliminating the need for storage solutions. To clean the sensor, simply use a soft toothbrush and detergent. Compare this to traditional glass electrodes with hard-to-reach crevices for difficult cleaning and an additional sample preparation step. After use, just replace the protective sensor cap.

Operates in Restrictive and Challenging Environments
Non-glass pH probes offer convenience and ruggedness, excelling in applications such as food and beverage, academic teaching labs, environmental studies, agriculture, and petrochemical. Probe options include standard, micro and piercing versions to allow easy insertion and cleaning.

Designed to Last
ISFET stainless steel probes in this electrochemistry line contain a virtually unbreakable sensor that provides superior performance to traditional delicate glass electrodes. Engineered to withstand harsh use in the most difficult applications, the H-Series meters and probes give years of reliable service.

Specifications

Dimensions (D x L): 4.8 mm x 130 mm
Filling Solution:
Junction: Fiber
Length: 130 mm
Material: Sensor Body: Stainless Steel
Parameter: pH
Probe Type: ISFET
Range: 0 - 14 pH
Sensor Type: ISFET
**Special Feature:**
Great for small sample sizes, flasks and test tubes.

**Temperature Range:**
Continuous use: 0 - 60 °C

**Thermistor:**
# (ATC)

**Type:**
Portable

**Warranty:**
6 months

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### What's in the box?

Includes: probe with waterproof connector, rubber tip cover and instruction sheet