

# Ion 6+ Meter

**Direct readout of ion concentration at affordable pricing!**

**Use with pH or most ISE electrodes with BNC connectors** – The  $\pm 500$  mV range covers the vast majority of ISEs

**mV measurement mode** – Allows you to check performance and calibration of your ion-selective electrode

**Simple to use** – Preprogrammed calibration points allow even beginners to take readings in minutes!

**pH and temperature ( $^{\circ}\text{C}$ ) readout** – With high  $\pm 0.01$  pH/ $\pm 0.5^{\circ}\text{C}$  accuracy

**Automatic temperature compensation (ATC) for pH** – For the highest accuracy in changing temperature conditions

**Compact size** – Take your Ion 6+ meter anywhere!

**All push-button operation** – For fast, easy use

**Hold and Auto-off functions**

**Built-in stand for benchtop or long-term use**

**Protective boot** – Helps shield your meter from drops and dings

**New**



Meter include protective rubber boot and a built-in stand.

See pages 28–29 for ion-selective electrodes

ISO 9001:2000 CERTIFIED SUPPLIER 3 year warranty meter only

## Specifications

Mode	Ion	mV	pH	Temperature
<b>Range</b>	0.01 to 1999 units	-500 to +500 mV	0.00 to 14.00 pH	0.0 to 100.0 $^{\circ}\text{C}$
<b>Resolution</b>	0.01 unit (0.01 to 0.99 units), 0.1 unit (0.1 to 199.9 units), 1 unit (200 to 1999 units)	0.1 mV within $\pm 199.9$ mV, 1 mV beyond $\pm 200$ mV	0.01 pH	0.1 $^{\circ}\text{C}$
<b>Accuracy</b>	$\pm 1\%$ full-scale	$\pm 0.2$ mV within $\pm 199.9$ mV, $\pm 2$ mV beyond $\pm 200$ mV	$\pm 0.01$ pH	$\pm 0.5^{\circ}\text{C}$
<b>Calibration</b>	2 or 3 points; 0.1, 1, 10, 100 ppm (minimum 2 points)	Not available	Up to 3 buffer values From standard USA or NIST buffer sets, auto-buffer recognition	Offset 0.1 $^{\circ}\text{C}$ increments

**Minimum slope during ion calibration:** 40 mV/decade for monovalent ions; 20 mV/decade for divalent ions

**pH slope range:** 80 to 120%

**Temperature compensation:** manual or automatic from 0.0 to 100.0 $^{\circ}\text{C}$

**Operating temperature:** 0 to 50 $^{\circ}\text{C}$  (32 to 122 $^{\circ}\text{F}$ )

**Power:** four 1.5 V AAA batteries (included), >200 hours continuous use

**Dimensions**

**Meter:** 5 1/2" x 2 3/4" x 1 3/8" (14 x 7 x 3.5 cm)

**Boxed:** 9 1/4" x 6 1/2" x 3" (23.5 x 16.5 x 7.5 cm)

**Weight**

**Meter only:** 0.9 lb (0.4 kg); **Boxed:** 1 lb (0.5 kg)

## Ordering Information

Catalog number	Description	Included
WD-35613-80	Ion 6+ meter only	Meter, protective rubber boot, and batteries
WD-35613-82	Ion 6+ meter kit	Meter; single-junction, epoxy-body pH electrode; temperature probe; sample bottles; calibration buffer pouches; carrying case; protective rubber boot; and batteries

## Accessories

WD-35804-00 Replacement pH electrode

WD-35613-05 Replacement ATC probe



Drinking Water



Water Treatment



Food Processing