HORIBA

Explore the future

The intelligent pocket-size pH meter. Does it all for you anywhere - in the measurement mode you choose

The rugged new Twin pH meter speeds and simplifies your pH measurements. Put a few drops of sample on the flat sensor, immerse the sensor in your sample or scoop up a bit with the spoon shaped sample well. And don't worry about splashing: it's waterproof! The new, dual action sensor guard protects the electrode and captures samples from buckets, lakes streams or running water. The flat sensor allows measurement of small samples, pastes, powders or solids while Autocal simplifies measurement and promotes accuracy. This compact pH meter is perfect for lab, plant or field!

COMPACT pH METER

twin pH

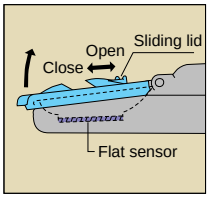
WATERPROOF **B-211/B-212**

JQA-E-90039 (Head Office/Factory)
ISO 14001
Award of Certification
Horiba received these standards for excellence from the International Organization for Standardization.
ISO 9001
JQA-0298

The Twin - does what it's supposed to do, wherever you need it

Waterproof construction protects the instrument
Even if you drop it in the water, there is nothing to fear. Its waterproof structure makes the Twin ideal for carefree outdoor use and expands in one stroke the scope of pH measurement activities.
●Impervious to water for 30 minutes up to a depth of 1 meter. Proper function is not assured if immersed deeper than 1 meter.

Auto shutoff saves batteries
If you forget to turn off the Twin, after 60 minutes of non-use, the Auto-ShutOff circuit automatically turns it off for you.



Sensor guard protects the electrode
The delicate flat sensor is protected by a sensor guard to ensure safety during use. To perform scoop measurement, just slie back the lid.

The replaceable sensor prolongs useful life
Cartridge-type sensors are simple to replace.
●Please note that the horizontal sensor may be broken by a strong, direct impact.

CAL button simplifies standardization
Takes all the fuss out of reference calibrations. The Twin automatically makes the calibration with just a push of this button.

pH readouts
Measured pH values are shown to an accuracy of 1/10 pH ; calibration values to 1/100.(Readout blinks for pH values in excess of the range 0 - 14 pH.)

Battery warning
Alerts you to low battery.

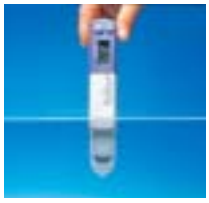
Temperature warning
The "C" blinks when the temperature exceeds the range 0-40˚C

Calibration indicator
Lights up during reference calibration.

Stable-readout indicator
Lights up when readout has stabilized.

With sliding lid open.

Immersion measurement



To take measurement of water guality in rivers or lakes, just immerse the sensor in the water and note the measurement results.

Scoop measurement

For hard to reach places, just immerse the sensor in the solution and the sensor guard will scoop up a sample. Lay the Twin flat to measure.

▼

With sensor guard open.

Flat measurement

To measure solids or powders
Just place the sample directly on the sensor. Before measuring earth, powder, and other solid samples with low moisture content, add a drop or two of deionized water.

To measure in drops
Use a eye-dropper to drop about 0.1 ml of the sample solution on the sensor.

To measure rigid surfaces
To measure surface pH, wipe the surface of the sample with a sampling sheet dampened with deionized water and place the sheet on the sensor.

Specifications

Twin version available : B-211, B-212
Principle : Glass Electrode
Readout : 2½-digit LCD
Measurement range : pH 2 - pH 12
Repeatability : ±0.1 pH
Sample temperature : 5- 40˚C(Actual temperature of sample is compensated for to give value at ambient temperature.)
B-211 Features : Single-point pH 7 AutoCalibration(Clibration value backup) ; Waterproof structure ; Auto-ShutOff ; Flat / Immersed / Scoop measurement.
B-212 Features : Two-point pH 7 / pH 4 AutoCalibration(Calibration value backup) ; Waterproof structure ; Auto-ShutOff ; Flat / Immersed / Scoop measurement.
Dimensions : 165 mm X 29 mm X 19 mm
6.5 in X 1.1 in X 0.7 in
Weight : approx. 53g.
Power : Two 3-volt lithium batteries(Model CR-2032)
B-211 Standard Accessories : pH 7 standard solution ; 2 Model CR-2032 3-volt lithium batteries ; eye-dropper ; instraction manual ; storage case, waterproof packing.
B-212 Standard Accessories : pH 4 & pH 7 standard solution ; 2 Model CR-2032 3-volt lithium batteries ; eye-dropper ; instraction manual ; storage case, waterproof packing.

Spare Parts

Spare Parts	Model
Sensor	0113
Solution(pH 7, 14 ml 6 btls.)	Y031
Solution(pH 4, 14 ml 6 btls.)	Y032
Accessary Kit(deionized water, eye-dropper, tweezers, sampling sheet, carrying pouch)	Y092
Sampling sheet(10 booklets/set)	Y011

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⚠ **Please read the operation manual before using this product to assure safe and proper handling of the product.**

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