

**AQUA[®]
LAB**
BY DECAGON

HORIBA
Scientific

LAQUA
SERIES

pH and ion meters



LAQUA Electrode Technology



Born from the fusion of our expertise and state-of-the-art technology.

True pH/water quality meters require artisan skills, long-term research and experiments, and breakthrough technology. LAQUA electrodes provide multiple approaches such as;

- Expertise in Manufacturing
- Contains Advanced Materials
- Next-Generation Electrode Technology

Electrode Lineup

Various electrodes to match any application

A wide range of products for both benchtop and portable systems are available, including easy and reliable standard models, application-focused models for small samples or large containers, and special electrodes for specific sample characteristics.

Model	Measurement	Temperature Range (°C)	pH Range	Liquid Junction
6377-10D	Combination (3-in-1) pH	0-60	0-14	Movable Sleeve
9625-10D	Combination (3-in-1) pH	0-100	0-14	Ceramic
9615-10D	Combination (3-in-1) pH	0-100	0-14	Ceramic
9618-10D	Combination (3-in-1) pH	0-60	0-14	Ceramic
9681-10D	Combination (3-in-1) pH	0-60	0-14	Movable Sleeve
9630-10D	Combination (3-in-1) pH	0-100	0-14	Ceramic
0030-10D	ISFET pH (G,R)	0-60	0-14	ABS, epoxy, polyethylene, Ta2O5, platinum
0040-10D	ISFET pH (G,R)	0-60	0-14	Porous sintered polyethylene
0131	Replacement ISFET sensor			
0141	Replacement ISFET sensor			
9382-10D	Conductivity Electrode	0-60		



Benchtop

Stress-free measurement

Water quality analysis is repeatedly performed in laboratories on a daily basis. Our high-end benchtop model was developed to provide simplicity with excellent on-site usability - from operation and maintenance to troubleshooting.

LAQUA
F-70DS-70 series

Model	Measurement	Description
F-71	pH/ORP	Single channel meter with one port to measure pH or ORP. *
F-72	pH/ion/ORP	Single channel meter with one port to measure pH or ORP or Ion. *
F-74	pH/ORP/Ion/Conductivity/Resistivity/Salinity/TDS	Dual channel meter. 2 ports to measure pH, ORP, ions on channel one and conductivity, resistivity, salinity or TDS on channel two. Color LCD. *
F-74BW	pH/ORP/Ion/Conductivity/Resistivity/Salinity/TDS	Dual channel meter. 2 ports measure pH or ORP or ions on channel one and conductivity, resistivity, salinity or TDS on channel two. Black and white LCD. *

* Electrodes not included. Package includes meter, electrode stand and power converter.



Portable

LAQUA^{act}
D-70/ES-70/CM-70 series

In the lab, in the field or anywhere you need it

Designed for use with one hand, with an IP67 waterproof rating and shock-resistant casing; this meter can be used for long periods, even in dark places, making it ideal for field measurements in rivers and lakes.

Model	Measurement	Description
D-71	pH	Single channel meter for pH measurement. *
D-72	pH/ORP	Single channel meter for pH or ORP measurement, 1000 data set memory. *
D-74	pH/ORP/Conductivity	Dual channel meter with 2 ports for pH or ORP measurement. *
ES-71	Conductivity/Resistivity/Salt	Single channel meter for conductivity field applications, 1000 data set memory.

* Electrodes not included.



Compact

LAQUA^{twin}
B-700 series

Your lab-in-a-pocket

HORIBA's unique compact meter integrates the electrode, display and sample container to enable simple, effective on-site testing by direct measurement from a single drop. For submersible and special small sample or solid sample applications.

Model	Measurement	Description
B-713	pH	2 point calibration, 2 decimal place display.
B-721	Salt (NaCl)	Measurement range 0-25% sodium chloride. 2 pt. calibration at 0.5% & 5.0%.
B-722	Sodium Ion	Measurement range 23ppm - 2300ppm. 2 point calibration.
B-731	Potassium Ion	Measurement range 39ppm - 3900ppm, 2 point calibration.
B-743	Nitrate Ion, General Purpose	Measurement range 62ppm - 6200ppm, 2 point calibration.
B-751	Calcium Ion	Measurement range 40ppm - 4000ppm, 2 point calibration.
B-771	Conductivity	1.41 mS/cm calibration, 12.9 mS/cm calibration option.

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