

**AQUA  
LAB**  
BY DEAGON

**HORIBA**  
Scientific

# 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	Notes
B-713	pH Meter	2 point calibration, 2 decimal place display. For submersible and special small sample or solid sample applications.
B-721	Salt (NaCl) Meter	Measurement range 0-25% sodium chloride. 2 point calibration at 0.5% and 5.0%. For submersible and special small sample or solid sample applications.
B-722	Sodium Ion Meter	Measurement range 23ppm - 2300ppm. 2 point calibration. For submersible and special small sample or solid sample applications.
B-731	Potassium Ion Meter	Measurement range 39ppm - 3900ppm, 2 point calibration. For submersible and special small sample or solid sample applications.
B-743	Nitrate Ion Meter, General Purpose	Measurement range 62ppm - 6200ppm, 2 point calibration. For submersible and special small sample or solid sample applications.
B-751	Calcium Ion Meter	Measurement range 40ppm - 4000ppm, 2 point calibration. For submersible and special small sample or solid sample applications.
B-771	Conductivity Meter	1.41 mS/cm calibration, 12.9 mS/cm calibration option. For submersible and special small sample applications.



## Benchtop

Stress-free measurement, high-end model

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 through to troubleshooting.

LAQUA  
F-70/DS-70 series

Model	Measurement	Notes
F-71	pH/ORP	Single channel meter with one port to measure pH or ORP. Black/white LCD screen. Electrodes are NOT included. Package includes meter, electrode stand, power converter, USA and UK power plugs.
F-72	pH/ion/ORP	Single channel meter with one port to measure pH or ORP or Ion. Color LCD screen with enhanced software for on screen help menus and touch screen operation like an iPad or iPhone. Electrodes are NOT included. Package includes meter, electrode stand, power converter, USA and UK power plugs.
F-74	pH/ORP/Ion/Conductivity/Resistivity/Salinity/TDS	Dual channel meter with 2 ports to measure pH or ORP or ions on channel one and Conductivity or resistivity or salinity or TDS on channel two. Color LCD screen with enhanced software for on screen help menus and touch screen operation like an iPad or iPhone. Electrodes are NOT included. Package includes meter, electrode stand, power converter, USA and UK power plugs.
F-74BW	pH/ORP/Ion/Conductivity/Resistivity/Salinity/TDS	Dual channel meter with 2 ports to measure pH or ORP or ions on channel one and Conductivity or resistivity or salinity or TDS on channel two. Black/white LCD screen. Electrodes are NOT included. Package includes meter, electrode stand, power converter, USA and UK power plugs.



## Portable

In the lab, in the field or anywhere you need it. Designed for use with one hand and 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.

LAQUAact  
D-70/ES-70/OM-70 series

Model	Measurement	Notes
D-71	pH Meter	Single channel meter for pH measurement. Electrode not included. No data output feature. (Electrode recommendation: Model 9625-10D)
D-72	pH/ORP Meter	Single channel meter for pH or ORP measurement. Electrode not included. 1000 data set memory, backlight. (Electrode recommendation: Model 9625-10D for pH or 9300-10D for ORP)
D-74	pH/ORP/Conductivity Meter	Dual channel meter with 2 ports for pH or ORP measurement on channel one and a conductivity measurement on channel two. Electrodes not included. Serial port for data output. 1000 data set memory, backlight (Electrode recommendation: Model 9625-10D for pH and/or 9300-10D for ORP and Model 9382-10D for conductivity)
ES-71	Conductivity/Resistivity/Salt Meter	Single channel meter for conductivity field applications. Includes a Model 9382-10D conductivity electrode. Cell constant 1.0 cm-1 for midrange conductivity water (ex: drinking water), 1000 data set memory, backlight



## Compact

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.

LAQUAtwin  
B-70 series

Description	Type	Temp range ( )	pH Range	Part number
Combination (3-in-1) pH electrode	Model 6377-10D	0-60	0-14	3014093085
Combination (3-in-1) pH electrode	Model 9625-10D	0-100	0-14	3200360505
Combination (3-in-1) pH electrode	Model 9615-10D	0-100	0-14	3200366539
Combination (3-in-1) pH electrode	Model 9618-10D	0-60	0-14	3200366552
Combination (3-in-1) pH electrode	Model 9681-10D	0-60	0-14	3200366572
Combination (3-in-1) pH electrode	Model 9630-10D	0-100	0-14	3200528726
ISFET pH (G,R) Electrode	Model 0030-10D	0-60	0-14	3014028323
ISFET pH (G,R) Electrode	Model 0040-10D	0-60	0-14	3200367925
Replacement ISFET sensor	Model 0131			3014028400
Replacement ISFET sensor	Model 0141			3200367926
Conductivity Electrode	Model 9382-10D	0-60		3014046709

www.aqualab.com

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