

HORIBA
Scientific

LAQUA

LAQUA PH1500 Benchtop Water Quality Meter



pH

ORP

Temperature



www.horiba-laqua.com



LAQUA

LAQUA PH1500 Benchtop Water Quality Meter

Ideal for student training and routine applications.

Good value for money: no fancy bells and whistles which sounds good but are rarely used.

From a reputed manufacturer—one whose company was started with pH meters back in 1945.

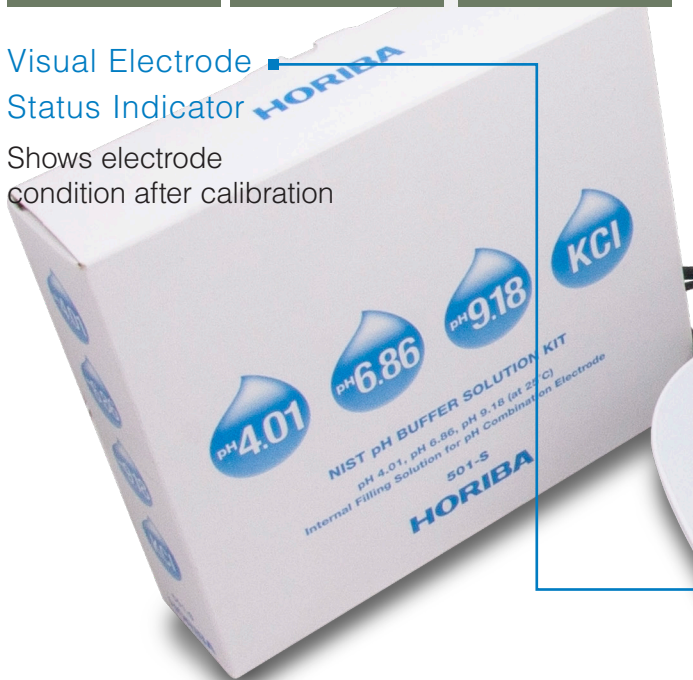
USA, NIST, & DIN pH Buffer Groups

More pH buffer options for calibration



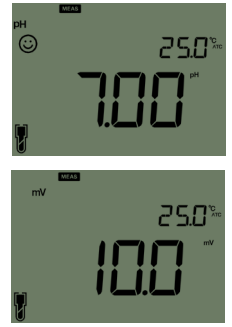
Visual Electrode Status Indicator

Shows electrode condition after calibration



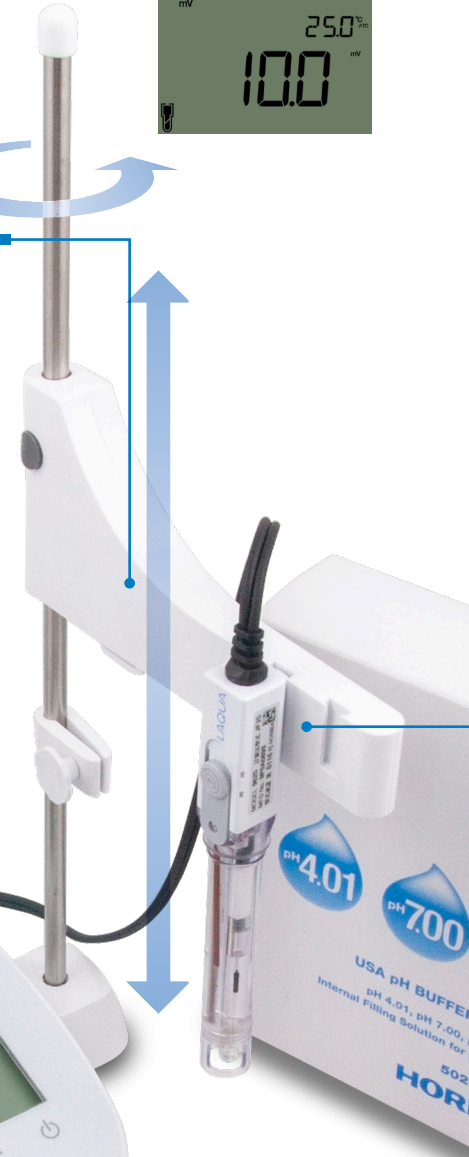
pH & ORP Measurement Modes with ATC

Accurate measurements with the meter and 3-in-1 pH and ORP electrodes



Adjustable, Integrated Electrode Stand

Holds up to 2 electrodes and can be positioned on either side of the meter



Smaller Footprint

Occupies minimal space on lab desk

Universal Power Adaptor

Multi-voltage (100-240V) and 6 plugs (US, UK, EU, ANZ, Korea, China) included



Data Output to Printer Capability

Print data using RS232 cable and printer



Offset & Average Slope

Viewable pH calibration data



Up to 5 pH Calibration Points

6 points for DIN Buffer Group



Large Memory

Up to 1000 data sets



Auto Data Log

Efficiently capture and save data into internal memory



Auto Stable, Auto Hold and Real Time Measurement Modes

Smiley face and HOLD icons serve as reading stability indicators



Auto Stable



Auto Hold



Real Time

Ready to go out of the box

Meter kits come with 9625-10D 3-in-1 pH electrode, electrode fill solution, and pH buffers

Data Acquisition Software Connectivity

Export data to computer using USB cable and software



Meter Specifications

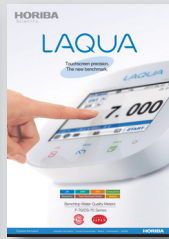
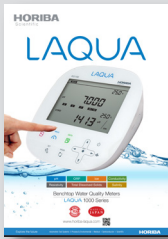
LAQUA PH1500 pH/ORP/Temp (°C/°F) Bench Meter	
pH Range	-2.00 to 16.00 pH
Resolution	0.01 pH
Accuracy	± 0.01 pH
pH Buffer Groups	USA, NIST, DIN
Calibration Points	Up to 5 (USA, NIST) / Up to 6 (DIN)
ORP Range	± 2000.0 mV
Resolution	0.1 mV (< ±1000 mV), 1 mV (≥ ±1000mV)
Accuracy	±0.3 mV (< ±1000 mV), 0.3% of reading (≥ ±1000mV)
Calibration Option	Yes (Up to ±200 mV)
Temperature Range	-30.0 to 130.0 °C / -22.0 to 266.0 °F
Resolution	0.1 °C / °F
Accuracy	± 0.5 °C / ± 0.9 °F
Calibration Option	Yes (± 10.0 °C / ± 18.0 °F range in 0.1 °C increments)
Memory	1000 data sets
Auto Data Log	Yes
Measurement Modes	Auto Stable / Auto Hold / Real Time
Offset & Slope Display	Yes (Average slope)
Auto Shut-Off	Yes (programmable: 1 to 30 mins.)
Electrode Status	On screen display
PC Communication	Yes
Printer Communication	Yes
Meter Inputs	BNC, phono (ATC), DC sockets
Communication	Phono jack (USB / RS232)
Display	Static segment LCD with 160 segments
Power Requirement	AC adaptor 100 ~ 240V, 50-60Hz
Dimensions	155 (L) x 150 (W) x 67 (H) mm
Weight	650g
Electrode Stand	Integrated
Warranty	3 years

Ordering Information

Meter Kits	
PH1500 3200875198	<ul style="list-style-type: none"> Meter with integrated electrode stand Universal power adaptor with 6 plugs Manual
PH1500-S 3200869155	<ul style="list-style-type: none"> PH1500 9625-10D refillable, plastic body pH electrode 502-S USA pH buffers kit
PH1500-SN 3200875199	<ul style="list-style-type: none"> PH1500 9625-10D refillable, plastic body pH electrode 501-S NIST pH buffers kit
Electrodes	
9625-10D 3200360505	Refillable, plastic-body pH electrode
9300-10D 3014046710	3-in-1 Platinum ORP electrode
pH Buffers	
501-S 3999960015	NIST pH Buffer Solution Kit (pH 4.01, 6.86, 9.18 buffers & 3.33M KCl, 250ml each)
502-S 3999960016	USA pH Buffer Solution Kit (pH 4.01, 7.00, 10.01 buffers & 3.33M KCl, 250ml each)
ORP Powders	
160-51 3200043618	89 mV at 25°C (for 250ml solution), 10 sachets/pack
160-22 3200043617	258 mV at 25°C (for 250ml solution), 10 sachets/pack
Accessories	
Printer 3014030147 (230V), 3014030146 (120V)	Comes with plain paper; printer cable is sold separately
Printer (RS232) Cable 3200779638	1.5 m length; connects meter and printer
PC (USB) Cable 3200779639	1.5 m length; connects meter and computer; comes with free data acquisition software
Printer Paper 3014030149	20 rolls
Ink Ribbon 3014030150	5 pcs/set

Water Quality Analyzers

With over 60 years of engineering excellence, HORIBA's diverse range of water quality analyzers and electrodes are ideal for everyday laboratory needs through to the most demanding of applications. Visit our website for a wealth of useful information and water quality measurement tips to help you obtain the best results in your work.



Benchtop Meters

Developed using extensive feedback from users, our new LAQUA meters deliver the best solution for water quality analysis. Our LAQUA website features an online 'Selection Guide' to enable you to find the perfect LAQUA meter and electrode for your need.



Handheld Meters

In the lab, in the field or anywhere you need it. LAQUA Handheld meters are designed for use with one hand and with an IP67 waterproof rating and shock-resistant casing. Meters can be used for long periods, even in dark places, making it ideal for field measurements in rivers and lakes.



Electrodes

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.



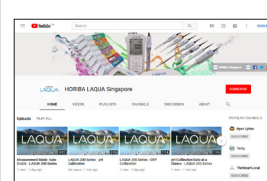
Pocket Meters

Analyzing water quality is simplified when using our LAQUAtwin range of meters. Designed to produce accurate and reliable results. Anyone, anywhere, at any time can measure samples easily with a LAQUAtwin meter. See just how good they are at our website.



Application Notes

LAQUAtwin pocket meters offer quick and convenient alternative to analyze important parameters with high accuracy. Several application notes are available at (<http://goo.gl/znwE6j>) detailing the use of LAQUAtwin and the results achieved for the respective applications. Additional application notes will be added when available.



Visit the **HORIBA LAQUA Singapore** Channel on YouTube and subscribe to see more of our videos.



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