HORIBA
Scientific

LAQUA

LAQUA PH1500 Benchtop Water Quality Meter

| pH | ORP | Temperature |

3 YEAR WARRANTY

MADE IN JAPAN

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.

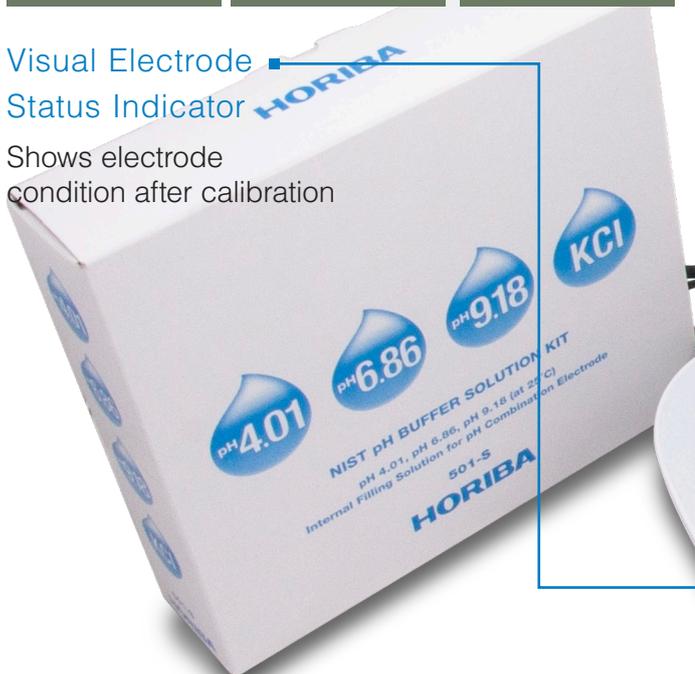From a reputed manufacturer—one whose company was started with pH meters back in 1945.

USA, NIST, & DIN pH Buffer Groups

More pH buffer options for calibration

Visual Electrode Status Indicator

Shows electrode condition after calibration

Universal Power Adaptor

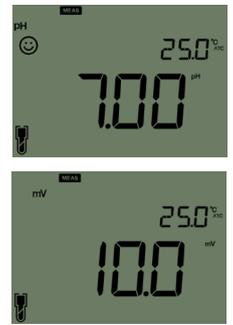Multi-voltage (100-240V) and 6 plugs (US, UK, EU, ANZ, Korea, China) included

Data Output to Printer Capability

Print data using RS232 cable and printer

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

Offset & Average Slope

Viewable pH calibration data

Up to 5 pH Calibration Points

6 points for DIN Buffer Group

Ready to go out of the box

Meter kits come with a 3-in-1 pH electrode, electrode fill solution, and pH buffers
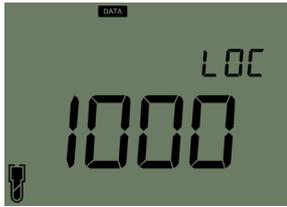
Data Acquisition Software Connectivity

Export data to computer using USB cable and software

Large Memory
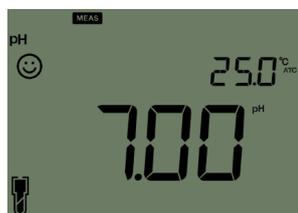
Up to 1000 data sets

Auto Data Log

Efficiently capture and save data into internal memory

Auto Stable, Auto Hold and Real Time Measurement Modes

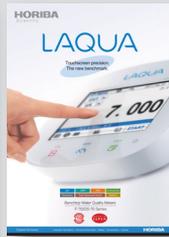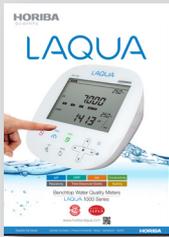Smiley face and HOLD icons serve as reading stability indicators

Auto Stable

Auto Hold

Real Time

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 (LxWxH mm)	155x150x67 (meter) / 410x260x230 (boxed)
Weight	720g (meter only) / 3700g (complete set)
Electrode Stand	Integrated
Warranty	Meter 3 years, electrode 6 months

Ordering Information

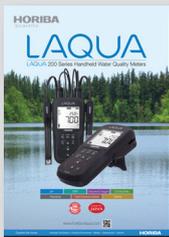| Meter Kits		
PH1500 3200875198	•	Meter with integrated electrode stand
	•	Universal power adaptor with 6 plugs
	•	Manual
PH1500-SS	•	PH1500 with integrated electrode stand
	•	9651-10D sealed, plastic body pH electrode
	•	pH 4, 7 and 10 buffer solutions & 3.33M KCl (250ml each)
PH1500-SR	•	PH1500 with integrated electrode stand
	•	9625-10D refillable, plastic body pH electrode
	•	pH 4, 7 and 10 buffer solutions & 3.33M KCl (250ml each)
Electrodes		
9651-10D 3200642020	Plastic-body, sealed Gel-filled pH electrode with integrated temperature sensor	
9625-10D 3200360505	Plastic-body, refillable Gel-filled pH electrode with integrated temperature sensor	
pH Buffers		
250-PH-4 250-PH-7 250-PH-10	USA buffers pH 4,01, 7,00 and 10,01 buffer solution, 250 ml in dosing bottle, NIST Traceable with certificate, accuracy ± 0,01 @ 25°C	
101-S 3200043642	NIST buffers solution kit with pH6,86 (500ml), 4,01 and 9,18 (250ml) & 3.33 KCl Internal Solution (250ml) with dropper	
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	

Visit HORIBA's website!

Water Quality Analyzers   www.horiba-laqua.com

With over 75 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 UK** Channel on YouTube and subscribe to see more of our videos.

CE · KC · RoHS · UKCA

IMS
HORIBA Group is operating Integrated Management System
ISO9001 · ISO14001 · OHSAS18001

Explore the future   Automotive Test Systems **|** Process & Environmental **|** Medical **|** Semiconductor **|** Scientific

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