HORIBA
Scientific

LAQUA

LAQUA 2000 Series Benchtop Water Quality Meters

LAQUA

HORIBA

MEAS 09 NOU 2020 13:23

pH

25.0 °C ATC

7.000 pH

USA 1.68 4.01 7.00 10.01 12.45

CAL MEAS DATA

ENT

MODE SET

PC2000

pH	ORP	Ion	Conductivity
Resistivity	Total Dissolved Solids		Salinity

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

LAQUA

LAQUA 2000 Series

A complete line of electrochemistry instruments, combining state of the art instruments with precise electrodes, many useful features, and a user-friendly operation. For every lab, every day!

Large Internal Memory
Accepts up to 2000 data sets. Stores measurement data together with time and date.

Auto Data Logging
Captures and stores data into memory based on specified time interval.

Password Protected
A 4-digit password secures the meter setup mode from unauthorized access.

Data Acquisition Software Connectivity
Data can be transferred to computer and exported to CSV/Excel/PDF via USB cable and complimentary DAS20 software.

Data Printing Capability
Data with date and time stamp can be printed for GLP/GMP compliance.

Software Upgrade
Latest software version can be loaded into the meter when available.

Calibration Alarm
Shows a reminder that it is time to calibrate. Alarm can be set up to 90 days.

Flexible Electrode Stand
Mounted to the meter. Can hold up to 2 electrodes, turns 360° and can shift up and down.

Real time clock and date
Both time and date are displayed on top of the screen, making the instruments GLP compliant.

☺ Smiley and ((🔔)) beep sound
Indicate reading stability in measurement and calibration modes.

Electrode Status
Reveals electrode condition based on calibration data.

Intuitive keypad design
Press CAL for calibration, MODE to change mode, SET to change settings, MEAS to continue to measure, DATA to enter datalogging options.

Smooth Surface
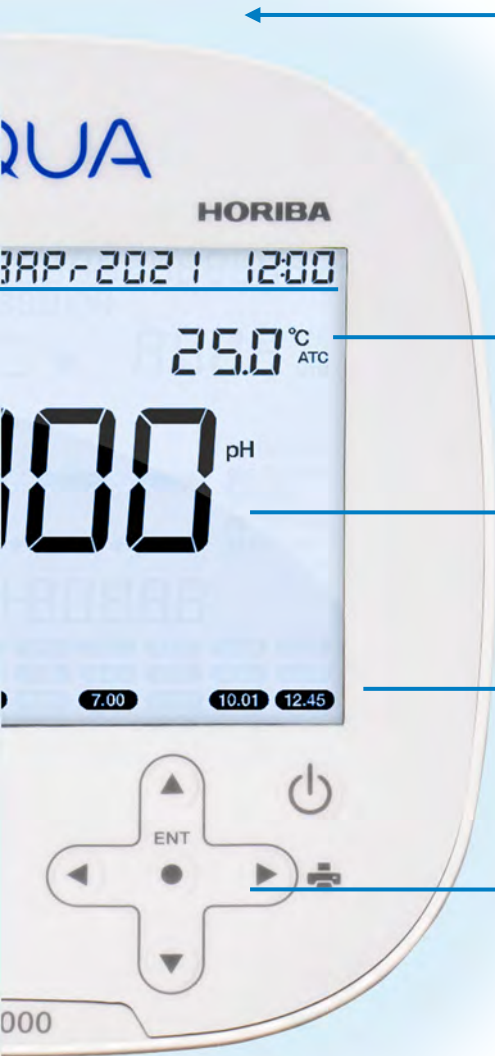The keypad and display are completely flat, making it easy to clean, no dirt can stick.

Ergonomic design
The tilted design allows easy viewing and operation.

RS-232 / USB
Easy PC and printer connection. Download free software

Accessible connections
Clearly marked and easy to use connections for communication and measurement.

5" Digital Backlit Display
Shows all important readings and indicators for every measurement.

Auto Calibration
Recognizes a wide variety of standard solutions.

Adjustable Shut- Off Time
Switches the meter off at idle (up to 30 minutes).

Temperature Compensation
Temperature in °C or °F is either automatically detected when temperature sensor is connected (ATC mode) or manually entered by the user.

Small footprint
The small footprint of 155 x 150 mm saves valuable desktop space.

Multiple Measurement Modes
Auto Stable mode signals stable reading, Auto Hold mode locks stable reading, and Real Time mode continuously displays live readings.

Temperature
Easy view of sample temperature and temperature mode.

360°
The electrode holder can be turned 360° around the arm.

Resolution
User selectable resolution, up to 3 digits.

Calibration points
Continuous display of up to 6 calibrated points.

Adjustable height
Electrode holder can be moved up and down to a maximum height of 30cm.

Easy navigation
Navigate through the settings menu by pressing up, down, right and left.

Ready to go out of the box
Meter kits come with electrodes and calibration solutions.
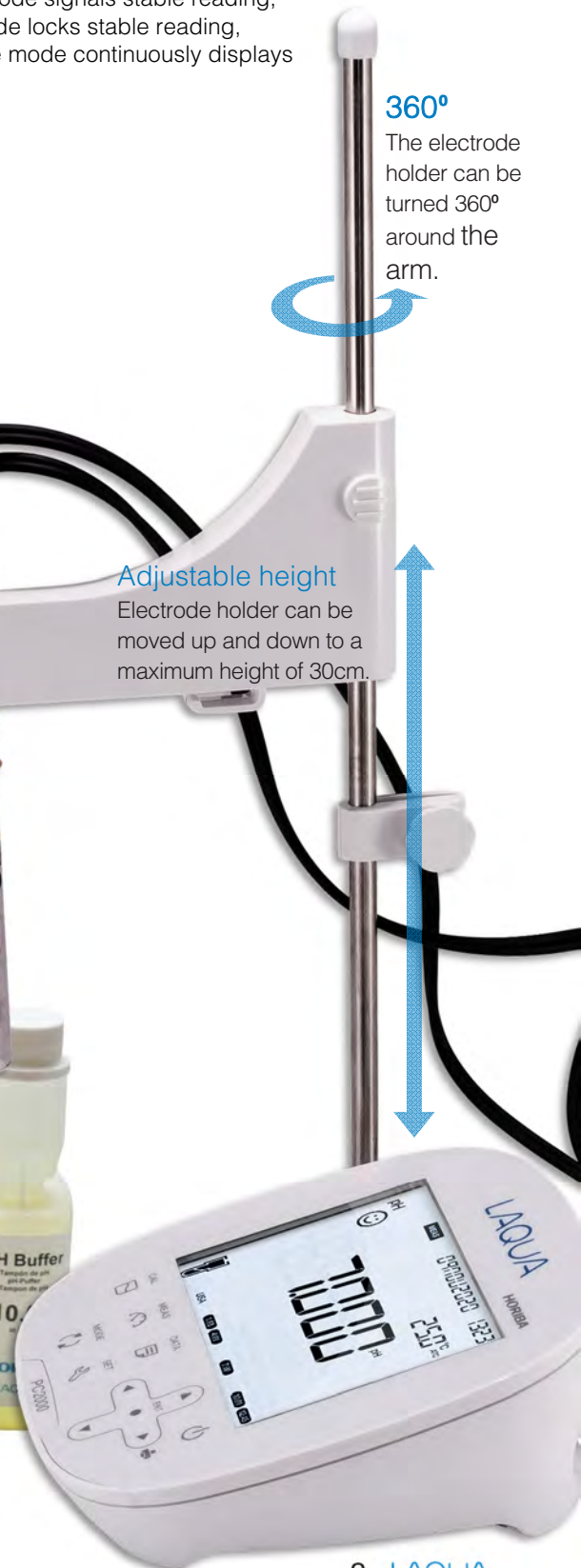
LAQUA - PH2000

pH | ORP

❖ Wide measurement range; -2.000 to 20.000 pH.

❖ High accuracy; ± 0.003 pH.

❖ Offset & Slope Display – by segment and average.

❖ Up to 5 pH calibration points.

❖ 1-point ORP calibration.

Select the required resolution: 0.1, 0.01 or 0.001 pH

Continuous display of calibrated points

Electrode Status Indicator

Electrode Icon	Slope
	>95% Excellent
	85-95% Very Good
	80-85% Good

Recognizes and calibrates USA, NIST, NIST2, and DIN pH buffers automatically. Allows CUST (Custom) buffers for manual calibration.

LAQUA - ION2000

pH | ORP | Ion

❖ Measure pH, ORP or Ion Selective
❖ Accepts combination and half-cell ion selective electrodes
❖ Wide measurement range;
   o 0.000 µg/L to 9999 g/L,
   o -2.000 to 20.000 pH,
   o ± 2000.0 mV

Scan the QC code to view the pH calibration.

Selection of preferred units:
➢ µg/L - mg/L - g/L,
➢ ppm - ppt,
➢ mmol/L - mol/L

Resolution of 4 significant digits with automatic scaling

Accepts up to 5 user-defined ion calibration points

Tip:
Select your ion selective electrode at page 9.

LAQUA 4

LAQUA-EC2000

Conductivity

Resistivity | Total Dissolved Solids | Salinity

Ordering information

Model	Description
EC2000 3200912572	• Meter with integrated electrode stand • Universal power adaptor with 6 plugs • Instruction Manual
EC2000-S 1300098881	• EC1500 • 9382-10D plastic body conductivity cell k=1.0 • Conductivity standard, 84µS, 1413µS, 12.88mS (1 x 250ml each)

❖ Wide measurement range of 0.001µS/cm to 2.000 S/cm

❖ Allows auto and manual conductivity calibrations.

❖ Records individual and average calibration factors after conductivity calibration.

❖ Calculates resistivity, TDS, and salinity based on measured conductivity.

❖ 7 conductivity ranges

  ➢ 0.000 to 1.999 µS/cm (k = 0.1)
  ➢ 2.00 to 19.99 µS/cm (k = 0.1, 1)
  ➢ 20.0 to 199.9 µS/cm (k = 0.1, 1, 10)
  ➢ 200 to 1999 µS/cm (k = 0.1, 1, 10)
  ➢ 2.00 to 19.99 mS/cm (k = 0.1, 1, 10)
  ➢ 20.0 to 199.9 mS/cm (k = 1, 10)
  ➢ 0.200 to 2.000 S/cm (k = 10)

Scan the QC code to view the Conductivity calibration.

LAQUA- PC2000

pH | ORP | Ion | Conductivity

Resistivity | Total Dissolved Solids | Salinity

❖ The PC2000 is a combination of the ION2000 and EC2000.

❖ Measure all parameters with one instrument.

❖ Dual input, connect 2 electrodes at the same time.

Order information

Model	Description
PC2000 3200912574	• Meter with integrated electrode stand • Universal power adaptor with 6 plugs • Instruction Manual
PC2000-SR 1300098882	• PC2000 • 9625-10D refillable, plastic body pH electrode • 9382-10D plastic body conductivity cell k=1.0 • pH 4, 7 and 10 buffer solutions & 3.33M KCl (1 x 250ml each) • Conductivity standard, 84µS, 1413µS, 12.88mS (1 x 250ml each)

Meter Specifications

	PH2000	ION2000	PC2000	EC2000
pH				
Range		-2.000 to 20.000 pH		
Resolution	0.1 / 0.01 / 0.001 pH			
Accuracy	± 0.003 pH			
pH Buffer Groups	Up to 5 (USA, NIST, NIST2, Custom) / Up to 6 (DIN)			
Calibration Points	USA, NIST, NIST2, DIN, Custom			
ORP / Redox				
Range	± 2000.0 mV			
Resolution	0.1 mV			
Accuracy	± 0.2 mV			
Calibration Option	Yes (Up to ± 200 mV)			
Ion Selective				
Range		0.000 µg/L to 9999 g/L		
Units		µg/L n mg/L n g/L, ppm n ppt, mmol/L n mol/L		
Resolution		4 Significant digits		
Accuracy		± 0.3% full scale or ± 0.2 mV, whichever is higher		
Calibration Points		Up to 5		
Conductivity				
Range			0.000 to 2.000 S/cm	
Resolution			0.05% full scale	
Accuracy			± 0.6% full scale; ± 1.5% full scale > 18.0 mS/cm	
Reference Temperature			15.0 to 30.0 °C (adjustable)	
Temperature Coefficient			0.00 to 10.00 % per °C (adjustable)	
Cell Constants			0.070 to 13.00 (adjustable)	
Calibration Points			Up to 4 (Auto) / Up to 5 (Manual)	
Total Dissolved Solids (TDS)				
Resistivity Range			0.01 mg/L (ppm) to 100 g/L (ppt)	
Resolution			0.01, 0.1, 1 mg/L ↔ g/L (ppm ↔ ppt)	
Accuracy			± 0.1% full scale	
Range			EN27888, 442, NaCl, Linear (0.40 to 1.00)	
Resistivity				
Range			0.001 MΩ・cm to 20.0 MΩ・cm	
Accuracy			0.5% full scale	
TDS Curves			± 0.6% full scale; ± 1.5% full scale > 1.80 MΩ●cm	
Salinity				
Range			0.0 to 100.0 ppt / 0.00 to 10.00 %	
Resolution			0.1 ppt / 0.01%	
Accuracy			± 0.2% full scale	
Salinity Curves			NaCl / Seawater	
Calibration Option			Yes (Manual; 1 point)	
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)			
General features				
Memory	2000			
Auto Data Log	Yes			
Real-time Clock	Yes			
Date & Time Stamp	Yes			
Auto Shut-Off	Yes (Programmable: up to 30 mins.)			
Measurement Modes	Auto Stable / Auto Hold / Real Time			
Offset / Slope Display	Yes (Segment & Average Slopes)			
Calibration Alarm	Yes (Programmable: up to 90 days)			
Electrode Status	On screen display			
Diagnostic Messages	Yes			
Display	5" Custom LCD with backlight and 320 segments			
Inputs	1 x BNC, 1 x phono (ATC)		2 x BNC, 2 x phono (ATC)	1 x BNC, 1 x phono (ATC)
Outputs	Phono jack (USB / RS232)			
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz			
Dimensions	155(L) x 150(W) x 67(H) mm / 410 x 260 x 230 mm (boxed)			
Weight meter / boxed	765 / 3800g	765 / 3000g	765 / 4500g	765 / 3500g

pH and ORP electrodes

General purpose sealed pH electrode

Model / Part Number	9625-10D / 3200360505
Description	For measurement of tap water and drinking water.
Junction	Ceramic liquid junction
Temperature Range	0 to 100 ºC
Dimensions	150 x ø16 mm, 1 meter cable with BNC
Body Material	Plastic body

Extra strong, refillable pH electrode

Model / Part Number	9615S-10D / 3200585428
Description	Perfect for preparing pH buffers and other aqueous test solutions.
Junction	Ceramic liquid junction
Temperature Range	0 to 100 ºC
Dimensions	198 x ø12 mm, 1 meter cable with BNC
Material	Extra strong glass

Sleeve, refillable pH electrode

Model / Part Number	9681S-10D / 3200585463
Description	High viscous samples, samples containing non-aqueous solvents.
Junction	Moveable sleeve liquid junction
Temperature Range	0 to 60 ºC
Dimensions	151 x 12mm, 1 meter cable with BNC
Body Material	Extra strong glass

Micro, refillable pH electrode

Model / Part Number	9618S-10D / 3200585447
Description	Measure samples as small as 50µL
Junction	Ceramic liquid junction
Temperature Range	0 to 60 ºC
Dimensions	151 x 3 mm, 1 meter cable with BNC
Body Material	Extra strong glass

Long, refillable pH electrode

Model / Part Number	9680S-10D / 3200585428
Description	The long, thin body is perfect for large containers and test tubes.
Junction	Ceramic liquid junction
Temperature Range	0 to 100 ºC
Dimensions	251 x 8 mm, 1 meter cable with BNC
Body Material	Extra strong glass

Flat surface, refillable pH electrode

Model / Part Number	6261-10C / 3014081807
Description	Perfect for measuring samples in shallow containers or surface.
Junction	Sleeve liquid junction
Temperature Range	0 to 50 ºC
Dimensions	150 x 12 mm, 1 meter cable with BNC
Body Material	Standard glass

Glass ORP electrode

Model / Part Number	9300-10D / 3014046710
Description	Platinum / Glass, flat tip ORP electrode
Temperature Range	0 to 60 ºC
Dimensions	150 x 12 mm, 1 meter cable with BNC
Body Material	Glass body

Plastic ORP electrode

Model / Part Number	9301-10D / 3200922105
Description	Platinum / Glass, flat tip ORP electrode
Temperature Range	0 to 60 ºC
Dimensions	150 x 12 mm, 1 meter cable with BNC
Body Material	Polycarbonate Plastic body

All electrodes have an integrated temperature sensor.

Conductivity Electrode Cells

Low Conductivity – Pure and Ultra Pure water

Model	9371-10
Part Number	3200878882
Cell constant	1.00×0.1 cm^{-1} (1.00×10 m^{-1})
Conductivity Range	0.01 µS/cm to 500 µS/cm (1 µS/m to 50 mS/m)
Temperature Range	0 to 70 ºC (Up to 100 ºC for the sensor cartridge only)
Temperature Sensor	Built in
Dimensions	160 x ø16 mm, 1 meter cable with BNC
Body Material	SS-316 Stainless Steel

General Purpose

Model	9382-10D
Part Number	3014046709
Cell constant	K=1.0 cm -1
Conductivity Range	1µS/cm-100mS/cm
Temperature Range	0 to 80 ºC
Temperature Sensor	Built in
Dimensions	150 x ø16 mm, 1 meter cable with BNC
Material	Plastic body with Titanium coated with platinum black cell

High Conductivity

Model	3553-10D
Part Number	3014081714
Cell constant	K=10.0 cm -1
Conductivity Range	10 µS/cm - 1 S/cm
Temperature Range	0 to 60 ºC
Temperature Sensor	Built in
Dimensions	175 x 28mm, 1 meter cable with BNC
Body Material	Glass body with Platinum / Platinum Black cell

Small Volume - 0.25 ml

Model	3574-10C
Part Number	3014082592
Cell constant	
Conductivity Range	10 µS/cm - 100 mS/cm
Temperature Range	0 to 60 ºC
Temperature Sensor	None
Dimensions	136 x 66 mm
Body Material	Glass body with Platinum / Platinum Black cell

Use the flow cell in combination with the 9371-10 stainless steel conductivity cell to measure ultra-pure water.

Flow Cell

Model	300-2C-C
Part Number	3200844642
Applicable tube	Soft tube
Inner tube diameter	5 to 6 mm
Temperature Range	0 to 100 ºC
Dimensions	101 x ø33 mm
Body Material	Glass

Scan the QR code to find more electrodes and solutions.

Ion Selective Combination Electrodes

Ammonia ion (NH₃) electrode

Model / Part Number	5002S-10C / 3200698386
Measurement Range	0.01 - 18,000 mg/L NH_4^+ (5×10^{-7} to 1 mol/L NH_4^+)
Included consumables	3 membrane caps, 2 x 50ml standard solution, 1 x 50 ml filling solution
Temperature Range	0 to 50 ºC
Dimensions	150 x ø15 mm, 1 meter cable with BNC

5002S

Calcium ion (Ca²⁺) electrode

Model / Part Number	6583S-10C / 3200697410
Measurement Range	0.4 - 40,080 mg/L Ca^{2+} (10^{-5} to 1 mol/L Ca^{2+})
Included consumables	2 electrode tips, 2 x 50ml standard solution, 1 x 50ml filling solution 1 x 50ml ISA
Temperature Range	0 to 50 ºC
Dimensions	150 x ø15 mm, 1 meter cable with BNC

6583S-10C

Chloride ion (Cl⁻) electrode

Model / Part Number	6560S-10C / 3200697407
Measurement Range	0.35 - 35,000 mg/L Cl^- (10^{-5} to 1 mol/L Cl^-)
Included consumables	electrode tip, 2 x 50ml standard solution
Temperature Range	0 to 50 ºC
Dimensions	150 x ø16 mm, 1 meter cable with BNC

6560S-10C

Fluoride ion (F⁻) electrode

Model / Part Number	6561S-10C / 3200693774
Measurement Range	0.02 - 19,000 mg/L F^- (10^{-6} to 1 mol/L F^-)
Included consumables	electrode tip, 2 x 50ml standard solution, 1 x 50ml filling solution, 1 x 50ml ISA
Temperature Range	0 to 50 ºC
Dimensions	150 x ø16 mm, 1 meter cable with BNC

6561S-10C

Nitrate ion (NO₃⁻) electrode

Model / Part Number	6581S-10C / 3200697408
Measurement Range	0.62 - 62,000 mg/L NO_3^- (10^{-5} to 1 mol/L NO_3^-)
Included consumables	2 x electrode tip, 2 x 50ml standard solution, 1 x 50ml filling solution, 1 x 50ml ISA
Temperature Range	0 to 50 ºC
Dimensions	150 x ø15 mm, 1 meter cable with BNC

6581S-10C

Potassium ion (K⁺) electrode

Model / Part Number	6582S-10C / 3200697409
Measurement Range	0.39 - 39,000 mg/L K^+ (10^{-5} to 1 mol/L K^+)
Included consumables	2 x electrode tip, 2 x 50ml standard solution, 1 x 50ml filling solution, 1 x 50ml ISA
Temperature Range	0 to 50 ºC
Dimensions	150 x ø15 mm, 1 meter cable with BNC

6582S-10C

All electrodes are supplied with a syringe, dropper, protective storage cap and instruction manual.

NH₃ electrode membrane caps
Part number 3200705774

Ca²⁺ electrode tip - 7683S
Part number 3200697414

Cl⁻ electrode tip - 7660S
Part number 3200697411

F⁻ electrode tip - 7661S
Part number 3200693606

NO₃⁻ electrode tip - 7681S
Part number 3200697412

K⁺ electrode tip - 7682S
Part number 3200697413

Premium LAQUA Calibration Solutions

Easy 4-step calibration with no contamination of the solution !!

Step 1:
Prepare the electrode and open the standard solution bottle.

Step 2:
Gently squeeze the bottle to fill the calibration chamber with standard solution.

Step 3:
Insert the electrode into the calibration chamber of the standard solution bottle.

Step 4:
Dispose off the used solution from the calibration chamber.

pH Buffer Solutions

Part No.	Model	Description
1300045600	250-PH-4	pH 4,01, 250 ml *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045607	250-PH-7	pH 7,00, 250 ml *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045604	250-PH-10	pH 10,01, 250 ml *, NIST Traceable with certificate, accuracy ± 0,02 at 25°C
1300045602	500-PH-4	pH 4,01, 500 ml *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045608	500-PH-7	pH 7,00, 500 ml *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045605	500-PH-10	pH 10,01, 500 ml *, NIST Traceable with certificate, accuracy ± 0,02 at 25°C
1300045599	1000-PH-4	pH 4,01, 1 ltr *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045606	1000-PH-7	pH 7,00, 1 ltr *, NIST Traceable with certificate, accuracy ± 0,01 at 25°C
1300045603	1000-PH-10	pH 10,01, 1 ltr *, NIST Traceable with certificate, accuracy ± 0,02 at 25°C

ORP / Redox Standard Solutions

1300045637	250-ORP-200	200 mV Redox/ORP solution, 250 ml round bottle, accuracy ± 5mV / 25°C
1300045636	250-ORP-475	475 mV Redox/ORP solution, accuracy ± 5mV / 25°C, 250 ml *
1300045635	500-ORP-475	475 mV Redox/ORP solution, 500 ml *, accuracy ± 5mV at 25°C
1300045634	500-ORP-650	650 mV Redox/ORP solution, 500 ml *, accuracy ± 5mV at 25°C

Conductivity Standard Solutions

1300045609	250-EC-84	84 uS/cm, 250 ml * with certificate, accuracy±1%, KCl
1300045632	500-EC-84	84 uS/cm, 500 ml * with certificate, accuracy±1%, KCl
1300045633	1000-EC-84	84 uS/cm, 1 ltr * with certificate, accuracy±1%, KCl
1300051602	250-EC-147	147 uS/cm, 250 ml * with certificate, accuracy±1%, KCl
1300045595	250-EC-1413	1,413 uS/cm, 250 ml * with certificate, accuracy±1%, (25°C)=0.01M KCl
1300045638	500-EC-1413	1,413 uS/cm, 500 ml * with certificate, accuracy±1%, (25°C)=0.01M KCl
1300045591	1000-EC-1413	1,413 uS/cm, 1 ltr * with certificate, accuracy±1%, (25°C)=0.01M KCl
1300045590	250-EC-1288	12,88 mS/cm, 250 ml * with certificate, accuracy ±1%, (25°C)=0.1M KCl
1300045639	500-EC-1288	12,88 mS/cm, 500 ml * with certificate, accuracy ±1%, (25°C)=0.1M KCl
1300045588	1000-EC-1288	12,88 mS/cm, 1 ltr * with certificate, accuracy ±1%, (25°C)=0.1M KCl
1300045630	250-EC-1118	111,8 mS/cm, 250 ml * with certificate, accuracy ±1% (25°C)= 1M KCl
1300045660	500-EC-1118	111,8 mS/cm, 500 ml * with certificate, accuracy ±1% (25°C)= 1M KCl
1300045631	1000-EC-1118	111,8 mS/cm, 1 ltr * with certificate, accuracy ±1% (25°C)= 1M KCl

pH Electrode Cleaning & Filling Solutions

1300094981	250-KCL-333M	3.33M KCL Internal Filling Solution, 250ml dosing bottle for pH electrodes
3014028653	220	Cleaner for pH Electrode (50mlx2pcs) for removing inorganic sample residues from glass electrodes and cleaning liquid junctions
3200530494	230	Cleaning solution for removing inorganic and organic sample residues, Solution A (30ml) & Solution B (100ml)
3200366771	250	Cleaner for pH Sensor (400ml) for removing protein containing sample residues from glass electrodes and cleaning liquid junctions

* supplied in a dosing bottle with a certificate of analysis.

Ion Solutions & Accessories

Ion Standard Solutions

Part No.	Model	Description
3200697171	500-NH4-SH	1000 mg/L Ammonium Ion Standard Solution, 500ml
3200697172	500-NH4-SL	100 mg/L Ammonium Ion Standard Solution, 500ml
3200697175	500-CA-SH	1000 mg/L Calcium Ion Standard Solution, 500ml
3200697176	500-CA-SL	100 mg/L Calcium Ion Standard Solution, 500ml
3200697167	500-CL-SH	1000 mg/L Chloride Ion Standard Solution, 500ml
3200697168	500-CL-SL	100 mg/L Chloride Ion Standard Solution, 500ml
3200697163	500-F-SH	1000 mg/L Fluoride Ion Standard Solution, 500ml
3200697164	500-F-SL	100 mg/L Fluoride Ion Standard Solution, 500ml
3200697179	500-NO3-SH	1000 mg/L Nitrate Ion Standard Solution, 500ml
3200697180	500-NO3-SL	100 mg/L Nitrate Ion Standard Solution, 500ml
3200697183	500-K-SH	1000 mg/L Potassium Ion Standard Solution, 500ml
3200697184	500-K-SL	100 mg/L Potassium Ion Standard Solution, 500ml

Ionic Strength Adjustors

Part No.	Model	Description
3200697174	500-NH3-ISA	Ammonia Ionic Strength Adjustor, 500ml
3200697178	500-CA-ISA	Calcium Ionic Strength Adjustor, 500ml
3200697170	500-CL-ISA	Chloride Ionic Strength Adjustor, 500ml
3200697166	500-F-TISAB	Fluoride Ionic Strength Adjustor, 500ml
3200697182	500-NO3-ISA	Nitrate Ionic Strength Adjustor, 500ml
3200697186	500-K-ISA	Potassium Ionic Strength Adjustor, 500ml

ISE Electrode Filling Solutions

Part No.	Model	Description
3200697173	500-NH3-IFS	Ammonia Electrode Filling Solution, 500ml
3200697177	500-CA-IFS	Calcium Electrode Filling Solution, 500ml
3200697169	500-CL-IFS	Chloride Electrode Filling Solution, 500ml
3200697165	500-F-IFS	Fluoride Electrode Filling Solution, 500ml
3200697181	500-NO3-IFS	Nitrate Electrode Filling Solution, 500ml
3200697185	500-K-IFS	Potassium Electrode Filling Solution, 500ml

Accessories

Part No.	Description
3200861022	Integrated Electrode Stand for LAQUA 2000 Series Bench Meters
3014028368	X-51 pH/mV/Ion/DO/Temperature Digital Simulator
3014028370	X-52 Conductivity/Temperature Digital Simulator
3200869791	Universal power adaptor
3014030147	Printer for GLP / GMP compliance, 230V EU version, plain paper included (printer cable is sold separately)
3200779639	PC Cable (1.5m phono to USB cable for connecting meter to PC)*
3200779638	Printer Cable (1.5m phono to 25-pin D-sub cable for connecting meter to printer)
3014030149	Printer Paper, 20 rolls
3014030150	Printer Ink Ribbon, 5pcs/pack

3200861022

3014028368

3200779638

3200779639

3200869791

3014030149

3014030147

With over 75 years of engineering excellence, HORIBA's innovative and diverse range of water quality analyzers, electrodes and solutions are ideal for everyday needs in the laboratory and field 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 bench top meters deliver the best solution for water quality analysis. The complete solution for every lab, whether it is at school, quality assurance lab or pharmaceutical industry, we have the right instrument at the right budget for you.

Consult our website or electrode brochure to select the electrode most suitable for your application.

Handheld Meters

In the field, in the lab or anywhere you need it. From easy to use, single parameter to highly sophisticated digital multi parameter to Sonde type instruments, we are able to meet your needs.

The LAQUA Handheld meters are designed for one hand use 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.

LAQUAtwin meters and Kits

Analyzing water quality is simplified when using our LAQUAtwin range of meters. An unique flat surface sensor technology enables to measure even the smallest samples.

Designed to produce accurate and reliable results. Anyone, anywhere, at any time can measure samples easily with a LAQUAtwin meter. Use the LAQUAtwin 4M carrying case to conveniently store and transport up to 7 meters, a true lab on the go. See just how good they are at our website.

Electrodes

Various electrodes to match any application. A wide range 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.

Solutions

A complete range of high quality calibration, buffer, filling and cleaning solutions is available for pH, conductivity, ORP and ion selective measurements.

Free of charge Certificates of Analysis are available on selected items.

Application Notes

LAQUAtwin pocket meters offer a 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

HORIBA UK YouTube

View product instruction videos, get technical tips, learn about applications and more.

CE UK CA KC RoHS

IMS HORIBA Group is operating Integrated Management System ISO9001 ISO14001 OHSAS18001

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