

# LAQUA

LAQUA 2000 Series Benchtop Water Quality Meters



pH	ORP	Ion	Conductivity
Resistivity	Total Dissolved Solids	Salinity	



[www.horiba-laqua.com](http://www.horiba-laqua.com)

# LAQUA

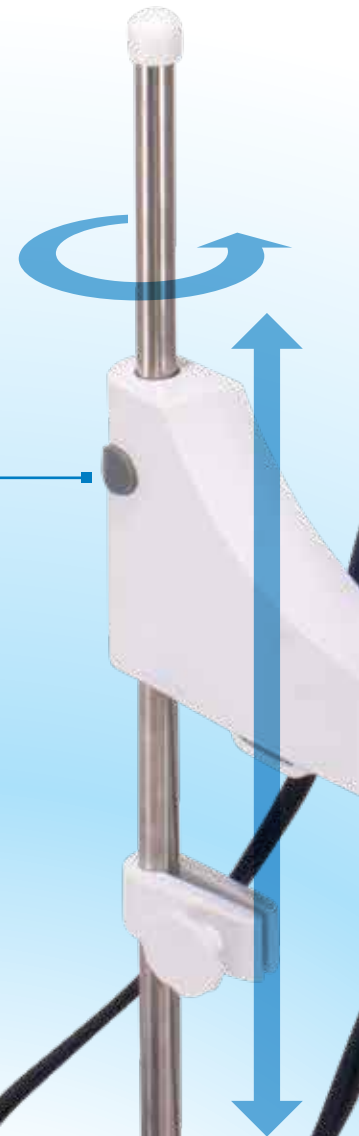
LAQUA 2000 Series Benchtop Water Quality Meters

## Ready to go out of the box

Meter kits come with electrodes and calibration solutions

## Adjustable, Integrated Electrode Stand

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



## ☺ Smiley and 🔔 beep sound

Indicate reading stability in measurement and calibration modes

## 5" Digital Backlit Display

Shows all important readings and indicators for every measurement

## Electrode Status

Reveals electrode condition based on calibration data





### Sleek Design

Clean and elegant body with rounded edges

### Smaller Footprint

Perfect for large and even small-scale labs as meter occupies minimal space

### Universal Power Adaptor

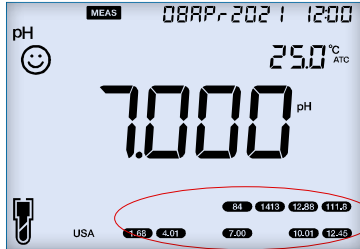
Multi-voltage 100~240V with 6 plugs (US, UK, EU, ANZ, Korea, China)





# LAQUA

LAQUA 2000 Series Benchtop Water Quality Meters



## Auto Cal Standards

Icon lights up after calibration making standard solutions used viewable at a glance



## Real Time Clock

Keeps precise time and date and facilitates functions that are time-dependent



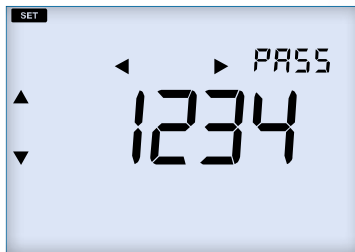
## Large Internal Memory

Accepts up to 2000 data sets



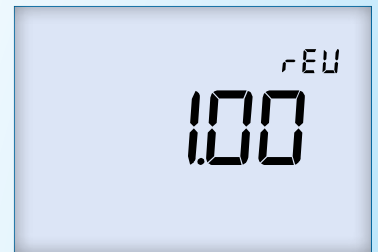
## Auto Data Log

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



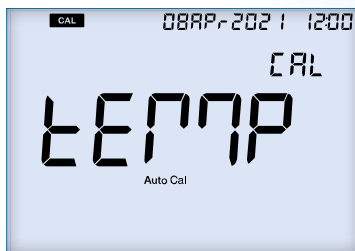
## Software Upgrade

Latest software version can be loaded into the meter when available



## Adjustable Shut-Off Time

Switches the meter off at idle (up to 30 minutes)



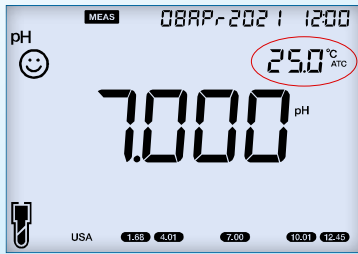
## Temperature Calibration

CAL Temp Mode allows temperature calibration

## Data Acquisition Software Connectivity

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





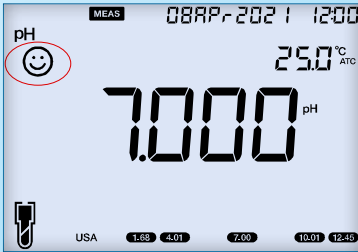
ATC mode



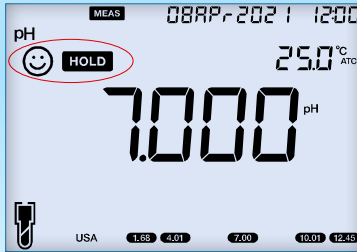
MTC mode

## Temperature Compensation

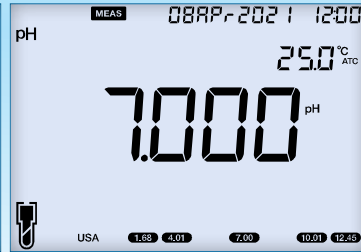
Temperature in °C or °F is either automatically detected when temperature sensor is connected (ATC mode) or manually entered by the user (MTC mode)



Auto Stable



Auto Hold



Real Time

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

## Audible Feedback

Emits single beep when keys are pressed



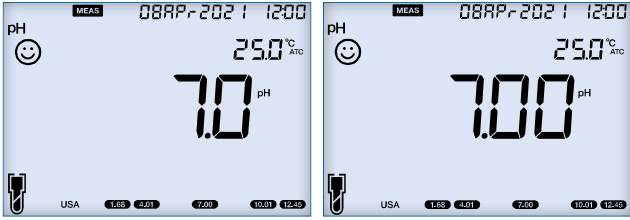
## Data Printing Capability

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



# LAQUA-PH2000

Displays 3 types of selectable pH resolutions

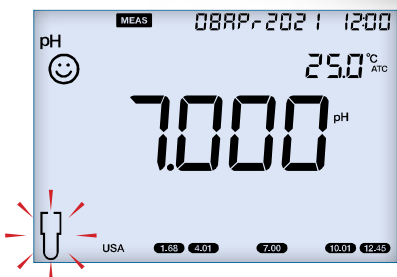


Provides accurate pH readings with auto temperature compensation

Accepts up to 6 calibration points



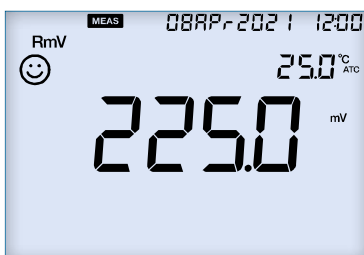
Sets off calibration alarm when activated



Records offset, segment slope(s), and average slope after pH calibration

More pH buffer groups for calibration

pH Buffer Group	pH Buffer Values (25°C)
USA	1.68, 4.01, 7.00, 10.01, 12.45
NIST	1.68, 4.01, 6.86, 9.18, 12.45
NIST2	1.68, 4.01, 6.86, 10.01, 12.45
DIN	1.09, 3.06, 4.65, 6.79, 9.23, 12.75
CUST	Use up to 6 pH buffers that are 1.0 pH apart for manual calibration



Allows 1-point ORP calibration

## LAQUA pH Electrodes

LAQUA-PH2000	
Model	pH/ORP/Temp (°C/°F) Bench Meter
pH Range	-2.000 to 20.000 pH
Resolution	0.1 / 0.01 / 0.001 pH
Accuracy	± 0.003 pH
pH Buffer Groups	USA, NIST, NIST2, DIN, Custom
Calibration Points	Up to 5 (USA, NIST, NIST2) / Up to 6 (DIN, Custom)
ORP Range	± 2000.0 mV
Resolution	0.1 mV
Accuracy	± 0.2 mV
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	2000
Auto Data Log	Yes
Real-time Clock	Yes
Date & Time Stamp	Yes
Measurement Modes	Auto Stable / Auto Hold / Real Time
Offset & Slope Display	Yes (Segment & Average Slopes)
Calibration Alarm	Yes (Programmable: up to 90 days)
Auto Shut-Off	Yes (Programmable: up to 30 mins.)
Electrode Status	On screen display
Diagnostics	Yes
Password Setting	Yes
Software Upgrade	Yes
PC / Printer Communication	Phono jack (USB / RS232C)
Meter Inputs	BNC, phono (ATC), DC sockets
Display	5" Custom LCD with backlight and 320 segments
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 765g

Meter Kits	
<b>PH2000</b> 3200912571	<ul style="list-style-type: none"> <li>Meter with integrated electrode stand</li> <li>Universal power adaptor with 6 plugs</li> <li>Manual</li> </ul>
<b>PH2000-S</b> 3200905158	<ul style="list-style-type: none"> <li>PH2000</li> <li>9615S-10D refillable, glass-body pH electrode with built-in temperature sensor</li> <li>502-S USA pH buffers kit</li> </ul>
<b>PH2000-SN</b> 3200905163	<ul style="list-style-type: none"> <li>PH2000</li> <li>9615S-10D refillable, glass-body pH electrode with built-in temperature sensor</li> <li>501-S NIST pH buffers kit</li> </ul>



### ToupH Standard Electrode

#### 9615S-10D

General laboratory application

**pH Range:** 0-14

**Operating Temperature Range (°C):** 0-100

**Liquid Junction:** Ceramic



### ToupH Sleeve Electrode

#### 9681S-10D

High viscosity application

**pH Range:** 0-14

**Operating Temperature Range (°C):** 0-60

**Liquid Junction:** Movable Sleeve



### ToupH Micro Electrode

#### 9618S-10D

Precious trace amount sample

**pH Range:** 0-14

**Operating Temperature Range (°C):** 0-60

**Liquid Junction:** Ceramic

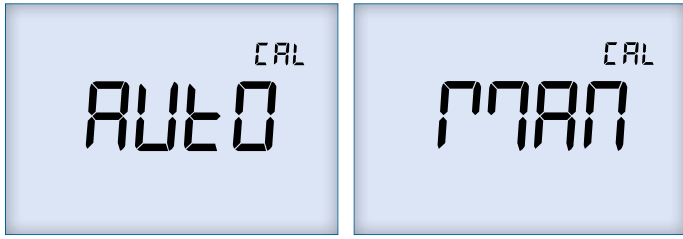
For more electrode options





# LAQUA-EC2000

Allows auto and manual conductivity calibrations



Calculates resistivity, TDS, and salinity based on measured conductivity

Provides accurate conductivity readings with auto temperature compensation

Accepts up to 5 conductivity calibration points



Allows 1-point salinity calibration

Records individual and average calibration factors after conductivity calibration

## Meter Kits

**EC2000**  
3200912572

- Meter with integrated electrode stand
- Universal power adaptor with 6 plugs
- Manual

**EC2000-S**  
3200905159

- EC2000
- 9382-10D Ti/Pt black plastic-body conductivity electrode k=1.0 with built-in temperature sensor
- 503-S Conductivity standard solutions kit



LAQUA-EC2000	
Model	Conductivity/Resistivity/TDS/Salinity/Temp (°C/°F) Bench Meter
Conductivity Range	0.000 to 1.999 $\mu\text{S/cm}$ (k = 0.1) 2.00 to 19.99 $\mu\text{S/cm}$ (k = 0.1, 1) 20.0 to 199.9 $\mu\text{S/cm}$ (k = 0.1, 1, 10) 200 to 1999 $\mu\text{S/cm}$ (k = 0.1, 1, 10) 2.00 to 19.99 $\text{mS/cm}$ (k = 0.1, 1, 10) 20.0 to 199.9 $\text{mS/cm}$ (k = 1, 10) 0.200 to 2.000 $\text{S/cm}$ (k = 10)
Units	Auto ranging S/cm, S/m ( $\mu\text{S} \leftrightarrow \text{mS}$ )
Resolution	0.05% full scale
Accuracy	$\pm 0.6\%$ full scale; $\pm 1.5\%$ full scale > 18.0 $\text{mS/cm}$
Reference Temperature	15.0 to 30.0 °C (adjustable)
Temperature Coefficient	0.00 to 10.00 % per °C (adjustable)
Cell Constants	0.0700 to 13.000 (adjustable)
Calibration Points	Up to 4 (Auto) / Up to 5 (Manual)
Resistivity Range	0.000 $\Omega\cdot\text{cm}$ to 20.0 $\text{M}\Omega\cdot\text{cm}$
Resolution	0.5% full scale
Accuracy	$\pm 0.6\%$ full scale; $\pm 1.5\%$ full scale > 1.80 $\text{M}\Omega\cdot\text{cm}$
Total Dissolved Solids (TDS) Range	0.01 to 9.99 $\text{mg/L}$ (ppm) 10.0 to 99.9 $\text{mg/L}$ (ppm) 100 to 999 $\text{mg/L}$ (ppm) 1.00 to 9.99 $\text{g/L}$ (ppt) 10.0 to 100 $\text{g/L}$ (ppt)
Resolution	0.01, 0.1, 1 $\text{mg/L} \leftrightarrow \text{g/L}$ (ppm $\leftrightarrow$ ppt)
Accuracy	$\pm 0.1\%$ full scale
TDS Curves	EN27888, 442, NaCl, Linear (0.40 to 1.00)
Salinity Range	0.0 to 100.0 ppt / 0.00 to 10.00 %
Resolution	0.1 ppt / 0.01%
Accuracy	$\pm 0.2\%$ full scale
Salinity Curves	NaCl / Seawater
Calibration Option	Yes
Temperature Range	-30.0 to 130.0 °C / -22.0 to 266.0 °F
Resolution	0.1 °C / °F
Accuracy	$\pm 0.5$ °C / $\pm 0.9$ °F
Calibration Option	Yes ( $\pm 10.0$ °C / $\pm 18.0$ °F range in 0.1 °C increments)
Memory	2000
Auto Data Log	Yes
Real-time Clock	Yes
Date & Time Stamp	Yes
Measurement Modes	Auto Stable / Auto Hold / Real Time
Auto Shut-Off	Yes (Programmable: up to 30 mins.)
Electrode Status	On screen display
Diagnostics	Yes
Password Setting	Yes
Software Upgrade	Yes
PC / Printer Communication	Phono jack (USB / RS232C)
Meter Inputs	BNC, phono, DC sockets
Display	5" Custom LCD with backlight and 320 segments
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 765g

Pre-programmed with TDS and salinity curves for various applications

TDS Curves	Applications
EN27888	Environmental
442 ( $\text{Na}_2\text{SO}_4$ , $\text{NaHCO}_3$ , NaCl)	Boiler water, HVAC
NaCl	Aquaculture, pickling
Linear (KCl)	General

## LAQUA Conductivity Electrodes



### Stainless Steel Conductivity Cell

#### 9371-10D

Low conductivity application

**Cell Constant:** 0.1  $\text{cm}^{-1}$ ; 10  $\text{m}^{-1}$

**Measurement Range:** 0.01  $\mu\text{S/cm}$  - 500  $\mu\text{S/cm}$ ; 1  $\mu\text{S/m}$  - 50  $\text{mS/m}$

**Temp. Range (°C):** 0 - 100



### Titanium Conductivity Cell

#### 9382-10D

General purpose application

**Cell Constant:** 1  $\text{cm}^{-1}$ ; 100  $\text{m}^{-1}$

**Measurement Range:** 1  $\mu\text{S/cm}$  - 100  $\text{mS/cm}$ ;

0.1  $\text{mS/m}$  - 10  $\text{S/m}$

**Temp. Range (°C):** 0 - 80



### Platinum Conductivity Cell

#### 3553-10D

High conductivity application

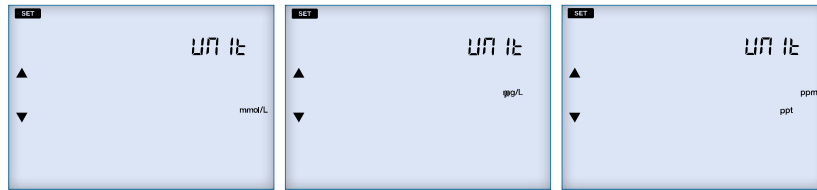
**Cell Constant:** 10  $\text{cm}^{-1}$ ; 1000  $\text{m}^{-1}$

**Measurement Range:** 10  $\mu\text{S/cm}$  - 1  $\text{S/cm}$ ; 1  $\text{mS/m}$  - 100  $\text{S/m}$

**Temp. Range (°C):** 0 - 60

# LAQUA-ION2000

Provides direct measurements of ion concentrations in various units

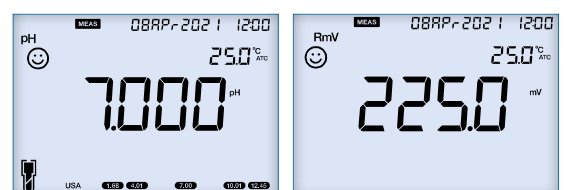


Accepts up to 5 user-defined ion calibration points



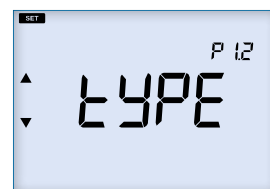
Records segment slope(s) after ion calibration.

Provides accurate pH and ORP readings with auto temperature compensation



Model		LAQUA-ION2000
pH/ORP/Ion/Temp (°C/°F) Bench Meter		
pH Range	-2.000 to 20.000 pH	
Resolution	0.1 / 0.01 / 0.001 pH	
Accuracy	± 0.003 pH	
pH Buffer Groups	USA, NIST, NIST2, DIN, Custom	
Calibration Points	Up to 5 (USA, NIST, NIST2) / Up to 6 (DIN, Custom)	
ORP Range	± 2000.0 mV	
Resolution	0.1 mV	
Accuracy	± 0.2 mV	
Calibration Option	Yes (Up to ± 200 mV)	
Ion Range	0.000 µg/L to 9999 g/L	
Units	µg/L ↔ mg/L ↔ g/L, ppm ↔ ppt, mmol/L ↔ mol/L	
Resolution	4 Significant digits	
Accuracy	± 0.3% full scale or ± 0.2 mV, whichever is higher	
Calibration Points	Up to 5	
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	2000	
Auto Data Log	Yes	
Real-time Clock	Yes	
Date & Time Stamp	Yes	
Measurement Modes	Auto Stable / Auto Hold / Real Time	
Offset & Slope Display	Yes (Segment & Average Slopes)	
Calibration Alarm	Yes (Programmable: up to 90 days)	
Auto Shut-Off	Yes (programmable: up to 30 mins.)	
Electrode Status	On screen display	
Diagnostics	Yes	
Password Setting	Yes	
Software Upgrade	Yes	
PC / Printer Communication	Phono jack (USB / RS232C)	
Meter Inputs	BNC, phono (ATC), DC sockets	
Display	5" Custom LCD with backlight and 320 segments	
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz	
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 765g	

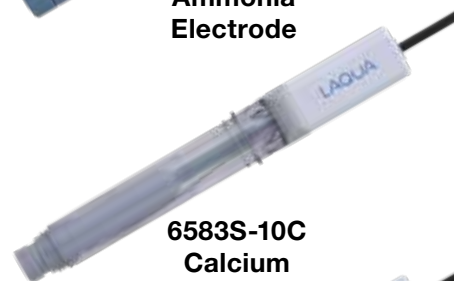
Meter Kits	
<b>ION2000</b> 3200912573	<ul style="list-style-type: none"> <li>Meter with integrated electrode stand</li> <li>Universal power adaptor with 6 plugs</li> <li>Manual</li> </ul>
<b>NH3 2000-S</b> 4000052303	<ul style="list-style-type: none"> <li>ION2000</li> <li>5002S-10C Ammonia electrode</li> </ul>
<b>CA 2000-S</b> 4000052304	<ul style="list-style-type: none"> <li>ION2000</li> <li>6583S-10C Calcium electrode</li> </ul>
<b>CL 2000-S</b> 4000052305	<ul style="list-style-type: none"> <li>ION2000</li> <li>6560S-10C Chloride electrode</li> </ul>
<b>F 2000-S</b> 4000052306	<ul style="list-style-type: none"> <li>ION2000</li> <li>6561S-10C Fluoride electrode</li> </ul>
<b>NO3 2000-S</b> 4000052307	<ul style="list-style-type: none"> <li>ION2000</li> <li>6581S-10C Nitrate electrode</li> </ul>
<b>K 2000-S</b> 4000052308	<ul style="list-style-type: none"> <li>ION2000</li> <li>6582S-10C Potassium electrode</li> </ul>



Provides a selection of ion electrode types and allows ion valence setting



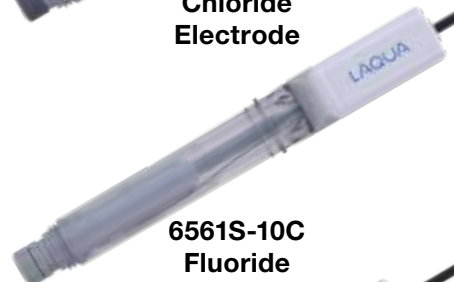
**5002S-10C**  
**Ammonia**  
**Electrode**



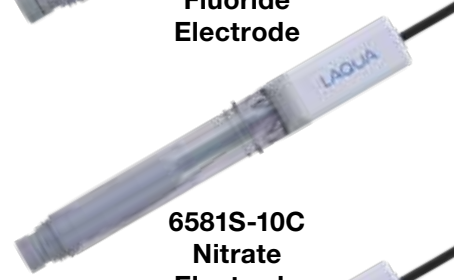
**6583S-10C**  
**Calcium**  
**Electrode**



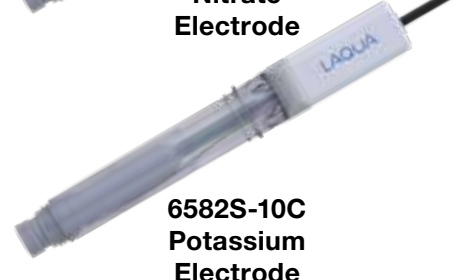
**6560S-10C**  
**Chloride**  
**Electrode**



**6561S-10C**  
**Fluoride**  
**Electrode**



**6581S-10C**  
**Nitrate**  
**Electrode**



**6582S-10C**  
**Potassium**  
**Electrode**



# LAQUA-PC2000

Combination of ION2000  
and EC2000



**Multi-parameter meter  
with dual channel input**

## Meter Kits

Meter Kits	
<p><b>PC2000</b> 3200912574</p>	<ul style="list-style-type: none"> <li>• Meter with integrated electrode stand</li> <li>• Universal power adaptor with 6 plugs</li> <li>• Manual</li> </ul>
<p><b>PC2000-S</b> 3200905161</p>	<ul style="list-style-type: none"> <li>• PC2000</li> <li>• 9615S-10D refillable, glass-body pH electrode with built-in temperature sensor</li> <li>• 9382-10D Ti/Pt black plastic-body conductivity cell k=1.0 with built-in temperature sensor</li> <li>• 502-S USA pH buffers kit</li> <li>• 503-S Conductivity standard solutions kit</li> </ul>
<p><b>PC2000-SN</b> 3200905166</p>	<ul style="list-style-type: none"> <li>• PC2000</li> <li>• 9615S-10D refillable, glass-body pH electrode with built-in temperature sensor</li> <li>• 9382-10D Ti/Pt black plastic-body conductivity cell k=1.0 with built-in temperature sensor</li> <li>• 501-S NIST pH buffers kit</li> <li>• 503-S Conductivity standard solutions kit</li> </ul>

## LAQUA-PC2000

Model	pH/ORP/Ion/Conductivity/Resistivity/TDS/Salinity/Temp (°C/°F)		
pH Range	-2.000 to 20.000 pH		
Resolution	0.1 / 0.01 / 0.001 pH		
Accuracy	± 0.003 pH		
pH Buffer Groups	USA, NIST, NIST2, DIN, Custom		
Calibration Points	Up to 5 (USA, NIST, NIST2) / Up to 6 (DIN, Custom)		
ORP Range	± 2000.0 mV		
Resolution	0.1 mV		
Accuracy	± 0.2 mV		
Calibration Option	Yes (Up to ± 200 mV)		
Ion Range	0.000 µg/L to 9999 g/L		
Units	µg/L ↔ mg/L ↔ g/L, ppm ↔ ppt, mmol/L ↔ 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 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)
Units	Auto ranging S/cm, S/m (µS ↔ mS)		
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	0.0700 to 13.000 (adjustable)		
Calibration Points	Up to 4 (Auto) / Up to 5 (Manual)		
Resistivity Range	0.000 Ω•cm to 20.0 MΩ•cm		
Resolution	0.5% full scale		
Accuracy	± 0.6% full scale; ± 1.5% full scale > 1.80 MΩ•cm		
Total Dissolved Solids (TDS) Range	0.01 to 9.99 mg/L (ppm) 10.0 to 99.9 mg/L (ppm)	100 to 999 mg/L (ppm) 1.00 to 9.99 g/L (ppt)	10.0 to 100 g/L (ppt)
Resolution	0.01, 0.1, 1 mg/L ↔ g/L (ppm ↔ ppt)		
Accuracy	± 0.1% full scale		
TDS Curves	EN27888, 442, NaCl, Linear (0.40 to 1.00)		
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		
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	2000		
Auto Data Log	Yes		
Real-time Clock	Yes		
Date & Time Stamp	Yes		
Measurement Modes	Auto Stable / Auto Hold / Real Time		
Offset & Slope Display	Yes (Segment & Average Slopes)		
Calibration Alarm	Yes (Programmable: up to 90 days)		
Auto Shut-Off	Yes (Programmable: up to 30 mins.)		
Electrode Status	On screen display		
Diagnostics	Yes		
Password Setting	Yes		
Software Upgrade	Yes		
PC / Printer Communication	Phono jack (USB / RS232C)		
Meter Inputs	2 x BNC, 2 x phono (ATC), DC sockets		
Display	5" Custom LCD with backlight and 320 segments		
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz		
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 770g		

# Solutions & Accessories

## pH Buffers

Part No.	Model	Description
3999960015	501-S	NIST pH Buffers Kit (pH 4.01, 6.86, 9.18 buffers & 3.33M KCl, 250ml each)
3999960016	502-S	USA pH Buffers Kit (pH 4.01, 7.00, 10.01 buffers & 3.33M KCl, 250ml each)
3999960028	500-2	pH 1.68 Buffer at 25°C, 500ml
3999960029	500-4	pH 4.01 Buffer at 25°C, 500ml
3999960030	500-686	pH 6.86 Buffer at 25°C, 500ml
3999960031	500-7	pH 7.00 Buffer at 25°C, 500ml
3999960032	500-9	pH 9.18 Buffer at 25°C, 500ml
3999960033	500-10	pH 10.01 Buffer at 25°C, 500ml
3999960034	500-12	pH 12.46 Buffer at 25°C, 500ml



502-S USA pH Buffers Kit



503-S Conductivity Standard Solutions Kit

## Conductivity Standards





Part No.	Model	Description
3999960017	503-S	Conductivity Standard Solutions Kit (84μS/cm, 1413μS/cm, 12.88mS/cm & 111.8mS/cm, 250ml each)
3999960035	500-21	84μS/cm Conductivity Standard Solution at 25°C, 500ml
3999960036	500-22	1413μS/cm Conductivity Standard Solution at 25°C, 500ml
3999960037	500-23	12.88mS/cm Conductivity Standard Solution at 25°C, 500ml
3999960038	500-24	111.8mS/cm Conductivity Standard Solution at 25°C, 500ml



ORP Standard Solution

ORP Powders

## ORP Standard Solution & Powders

Part No.	Model	Description
4000047848	500-225	ORP Standard Solution 225 mV at 25°C, 500ml
3200043618	160-51	ORP Powder 89 mV at 25°C (for 250ml), 10 sachets/pack  
3200043617	160-22	ORP Powder 258 mV at 25°C (for 250ml), 10 sachets/pack  



Calcium Ion Electrode Solutions



Chloride Ion Electrode Solutions



Fluoride Ion Electrode Solutions



Potassium Ion Electrode Solutions



Ammonia Ion Electrode Solutions




Nitrate Ion Electrode Solutions

## 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



220

250

### Electrode Filling Solutions


Part No.	Model	Description
3999960023	525-3	3.33M KCl pH / ORP Electrode Filling Solution, 250ml
3200043640	300	3.33M KCl pH / ORP Electrode Filling Solution, 250ml
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



230

Cleaning Solutions

### pH Electrode Cleaning Solutions

Part No.	Model	Description
3014028653	220	Electrode Cleaning Solution (for general contaminants), 50ml x 2 
3200530494	230	Electrode Cleaning Solution (for rejuvenating electrode) includes Solution A (30ml) & Solution B (100ml)
3200366771	250	Electrode Cleaning Solution (for protein contaminants), 400ml



Integrated Electrode Stand for LAQUA 2000 Series Bench Meters

### 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
3014030146	120V Printer with paper (printer cable is sold separately)
3014030147	230V Printer with paper (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



X-51 Digital Simulator

X-52 Digital Simulator

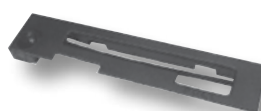
\*Packaged with complimentary data acquisition software in USB stick



25-pin D-Sub Printer (RS232) cable (Meter to Printer)



PC (USB) cable (Meter to Computer)



Printer ink ribbon

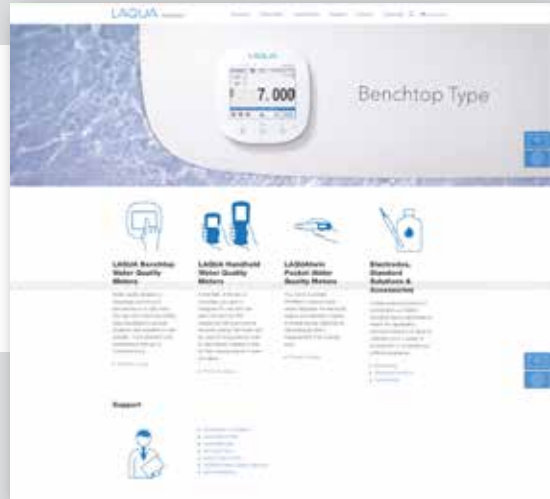


Printer paper



Printer

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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