



**ORP** рН Conductivity Total Dissolved Solids Dissolved Oxygen

PC2000





# 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



# Januarizato String

# 

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







### Auto Cal Standards

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



## Auto Data Log

Captures and stores data into memory based on specified time interval



## Adjustable Shut-Off Time

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

## Data Acquisition Software Connectivity

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



#### Real Time Clock

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



### Password Protected

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



## Large Internal Memory

Accepts up to 2000 data sets



## Software Upgrade

Latest software version can be loaded into the meter when available







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)

ATC mode

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



## LAQUA-PH200

pH/ORP/Temp (°C/°F) Bench Meter

25.0°C





Provides accurate pH readings with auto temperature compensation



Accepts up to 6 calibration points



Sets off calibration • alarm when activated







Allows 1-point ORP calibration 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

## **LAQUA pH Electrodes**

Model	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> <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> <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> <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





Allows auto and manual conductivity calibrations





COND

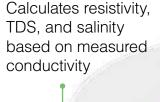
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Provides accurate conductivity readings with auto temperature compensation



Accepts up to 5 conductivity calibration points





Allows 1-point salinity calibration



Records individual and average calibration factors after conductivity calibration

EC5000

O COLD CERO

ATAG



#### 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 $\mu$ S/cm (k = 0.1) 2.00 to 19.99 $\mu$ S/cm (k = 0.1, 1) 20.0 to 199.9 $\mu$ S/cm (k = 0.1, 1, 10) 200 to 1999 $\mu$ S/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 $\leftrightarrow$ g/L (ppm $\leftrightarrow$ 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 ( $\pm$ 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 (Na <sub>2</sub> SO <sub>4</sub> , NaHCO <sub>3</sub> , NaCl)	Boiler water, HVAC
NaCl	Aquaculture, pickling
Linear (KCI)	General



## Stainless Steel Conductivity Cell

#### 9371-10D

Low conductivity application

Cell Constant:  $0.1~cm^{-1}$ ;  $10~m^{-1}$  Measurement Range:  $0.01~\mu S/cm$  -  $500~\mu S/cm$ ;  $1~\mu S/m$  - 50~m S/m Temp. Range (°C): 0 - 100



#### Titanium Conductivity Cell

#### 9382-10D

General purpose application

Cell Constant: 1 cm<sup>-1</sup>; 100 m<sup>-1</sup>

Measurement Range: 1 μS/cm - 100 mS/cm;

0.1 mS/m - 10 S/m Temp. Range (°C): 0 - 80



#### Platinum Conductivity Cell

#### 3553-10D

High conductivity application

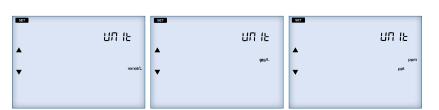
**Cell Constant:** 10 cm<sup>-1</sup>; 1000 m<sup>-1</sup>

Measurement Range: 10 µS/cm - 1 S/cm; 1

mS/m - 100 S/m Temp. Range (°C): 0 - 60



Provides direct measurements of ion concentrations in various units







Records segment slope(s) and average slope 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	$\mu$ g/L $\leftrightarrow$ mg/L $\leftrightarrow$ g/L, ppm $\leftrightarrow$ ppt, mmol/L $\leftrightarrow$ mol/L
Resolution	4 Significant digits
Accuracy	$\pm$ 0.3% full scale or $\pm$ 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> <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><li>ION2000</li><li>5002S-10C Ammonia electrode</li></ul>
<b>CA 2000-S</b> 4000052304	<ul><li>ION2000</li><li>6583S-10C Calcium electrode</li></ul>
<b>CL 2000-S</b> 4000052305	<ul><li>ION2000</li><li>6560S-10C Chloride electrode</li></ul>
<b>F 2000-S</b> 4000052306	<ul><li>ION2000</li><li>6561S-10C Fluoride electrode</li></ul>
<b>NO3 2000-S</b> 4000052307	<ul><li>ION2000</li><li>6581S-10C Nitrate electrode</li></ul>
<b>K 2000-S</b> 4000052308	<ul><li>ION2000</li><li>6582S-10C Potassium electrode</li></ul>

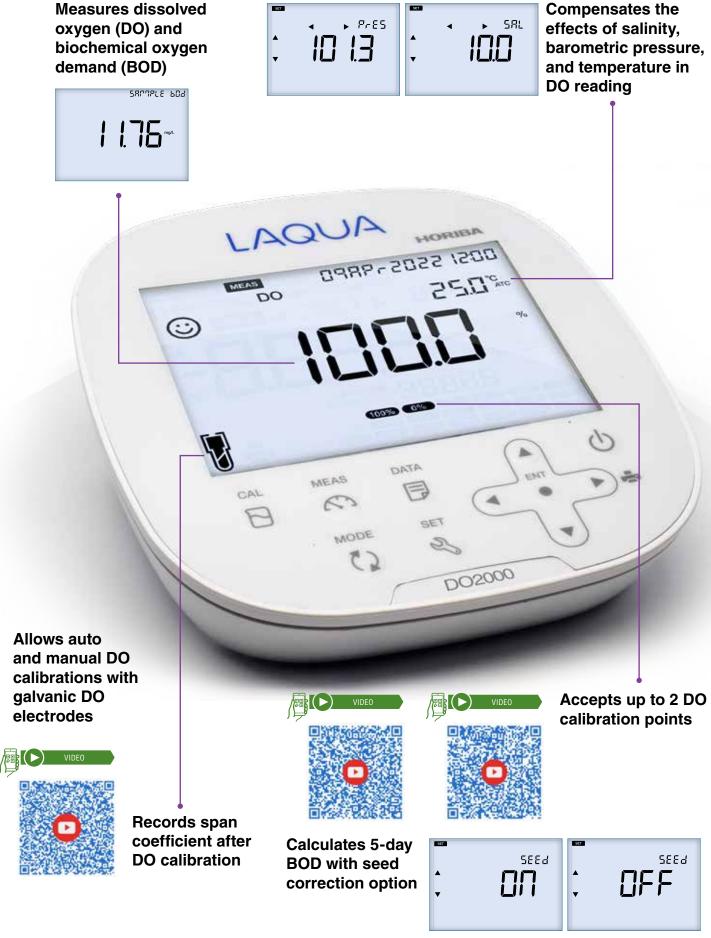


Provides a selection of ion electrode types and allows ion valence setting



**Electrode** 





Madel	LAQUA-DO2000
Model	DO/BOD/Temp (°C/°F)
DO Range	0.0 to 60.00 mg/L, 0.0 to 600.0%
Resolution	0.01 mg/L, 0.1%
Accuracy	+/- 0.1 mg/L , +/- 1.0%
Salinity Compensation	0.0 to 40.0 ppt
Barometric Pressure Compensation	10.0 to 200.0 kPa
BOD Measurement	5-day BOD with seed correction option
DO Probe Type	Galvanic integrated with temperature sensor
Calibration Points	Up to 2
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
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 320 segments and backlight
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 765g

	Meter Kits
<b>DO2000</b> 3200946350	<ul> <li>Meter with integrated electrode stand</li> <li>Universal power adaptor with 6 plugs</li> <li>Manual</li> </ul>
<b>DO2000-S</b> 3200946351	<ul> <li>DO2000</li> <li>9521-10D DO electrode with built-in temperature sensor, replaceable DO tip, detachable adapter and stirrer*</li> </ul>

<sup>\*</sup>Magnetic stir plate is required



#### **Galvanic DO Electrode**

#### 9521-10D

DO / BOD applications Measurement Range: 0 - 20 mg/L, 0 - 200% DO Temp. Range (°C): 0 - 50





**7544**DO Electrode tip for 9521-10D





Stirrer Set For 9521-10D





## Combination of ION2000



Multi-parameter meter with dual channel input

Meter Kits	
<b>PC2000</b> 3200912574	<ul> <li>Meter with integrated electrode stand</li> <li>Universal power adaptor with 6 plugs</li> <li>Manual</li> </ul>
<b>PC2000-S</b> 3200905161	<ul> <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>
<b>PC2000-SN</b> 3200905166	<ul> <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>

Model	LAQUA-PC2000 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	$\mu$ g/L $\leftrightarrow$ mg/L $\leftrightarrow$ g/L, ppm $\leftrightarrow$ ppt, mmol/L $\leftrightarrow$ 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 $\mu$ S/cm (k = 0.1) 200 to 1999 $\mu$ S/cm (k = 0.1, 1, 10) 20.0 to 199.9 mS/cm (k = 1, 10) 2.00 to 19.99 $\mu$ S/cm (k = 0.1, 1, 10) 0.200 to 2.000 S/cm (k = 10) 20.0 to 199.9 $\mu$ S/cm (k = 0.1, 1, 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) 100 to 999 mg/L (ppm) 10.0 to 100 g/L (ppt) 10.0 to 99.9 mg/L (ppm) 1.00 to 9.99 g/L (ppt)
Resolution	0.01, 0.1, 1 mg/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

# LAQUA-PD2000 pH/ORP/Ion/DO/BOD/Temp (°C/°F)



Multi-parameter meter with dual channel input

Meter Kits	
<b>PD2000</b> 3200946352	<ul> <li>Meter with integrated electrode stand</li> <li>Universal power adaptor with 6 plugs</li> <li>Manual</li> </ul>
<b>PD2000-S</b> 3200946353	<ul> <li>PD2000</li> <li>9521-10D DO electrode with built-in temperature sensor, replaceable DO tip, detachable adapter and stirrer*</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>PD2000-SN</b> 3200946354	<ul> <li>PD2000</li> <li>9521-10D DO electrode with built-in temperature sensor, replaceable DO tip, detachable adapter and stirrer*</li> <li>9615S-10D refillable, glass-body pH electrode with built-in temperature sensor</li> <li>501-S NIST pH buffers kit</li> </ul>

<sup>\*</sup>Magnetic stir plate is required

Model	LAQUA-PD2000
	pH/ORP/Ion/DO/BOD/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	$\mu$ g/L $\leftrightarrow$ mg/L $\leftrightarrow$ g/L, ppm $\leftrightarrow$ ppt, mmol/L $\leftrightarrow$ mol/L
Resolution	4 Significant digits
Accuracy	$\pm$ 0.3% full scale or $\pm$ 0.2 mV, whichever is higher
Calibration Points	Up to 5
DO Range	0.0 to 60.00 mg/L, 0.0 to 600.0%
Resolution	0.01 mg/L, 0.1%
Accuracy	+/- 0.1 mg/L , +/- 1.0%
Salinity Compensation	0.0 to 40.0 ppt
Barometric Pressure Compensation	10.0 to 200.0 kPa
BOD Measurement	5-day BOD with seed correction option
DO Probe Type	Galvanic integrated with temperature sensor
Calibration Points	Up to 2
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 320 segments and backlight
Power Requirement	AC adaptor 100 - 240V, 50 - 60Hz
Dimensions & Weight	155(L) x 150(W) x 67(H) mm, 770g
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## 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 KCI, 250ml each)
3999960028	500-2	pH 1.68 Buffer at 25°C, 500ml
3999960029	500-4	pH 4.01 Buffer at 25°C, 500ml
399960030	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

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 & Powders			
Part No.	Model	Description	
4000047848	500-225	ORP Standard Solution 225 mV at 25°C, 50	0ml
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	

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



502-S USA pH Buffers Kit



503-S Conductivity Standard Solutions Kit



ORP Standard Solution



Calcium Ion Electrode Solutions



Chloride Ion Electrode Solutions



Fluoride Ion Electrode Solutions



Potassium Ion Electrode Solutions



Ammonia Ion Electrode Solutions



Nitrate Ion Electrode Solutions

Ionic Strength Adjustors			
Part No.	Model	Description	
3200697174	500-NH3-ISA	Ammonia Ionic Strength Adjustor, 500ml	<u>&gt;</u>
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	

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

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

	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





Cleaning Solutions



Integrated Electrode Stand for LAQUA 2000 Series Bench Meters





X-51 Digital Simulator

X-52 Digital Simulator



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, applicationfocused 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.





LAQUAtwin pocket meters offer quick and convenient alternative to analyze important parameters with high accuracy. Several application notes are available at (http://goo.gl/znwE6i) 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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HORIBA Instruments (Singapore) Pte. Ltd. 83 Science Park Drive, #02-02A, The Curie, Singapore 118258 Phone: 65 6908-9660 Fax: 65 6745-8155 e-mail: laqua@horiba.com

■ Europe, Middle East, & Africa **HORIBA UK Limited** 

Kyoto Close, Moulton Park, Northampton NN3 6FL Phone: +44 1604 642500 e-mail: waterquality@horiba.com

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