

LAQUA

LAQUA 200 Series Handheld Water Quality Meters



| | | | |
|-------------|------------------------|------------------|--------------|
| pH | ORP | Dissolved Oxygen | Conductivity |
| Resistivity | Total Dissolved Solids | Salinity | |



www.horiba-laqua.com



LAQUA 200 Series

Handheld Water Quality Meters



**Impact
Resistant**

**Eco-friendly,
Shock & Scratch
Resistant, & Non-slip**

Apart from their high impact strength, the polycarbonate and TPE materials are also long-lasting and recyclable. The TPE provides non-slip grip and is not easily damaged by abrasion.

Scan code to view
LAQUA 200 Series
feature video online



Backlit, Large LCD Screen

All models have scratch-resistant monochrome digital LCD (50 x 50 mm) with white LED backlight for easy viewing of readings even in dark locations.



Hands-free Testing

Attach a wrist strap* or lanyard to hang the meter or place the meter into the carrying case while in use.

*Optional



Meter shown
in actual size

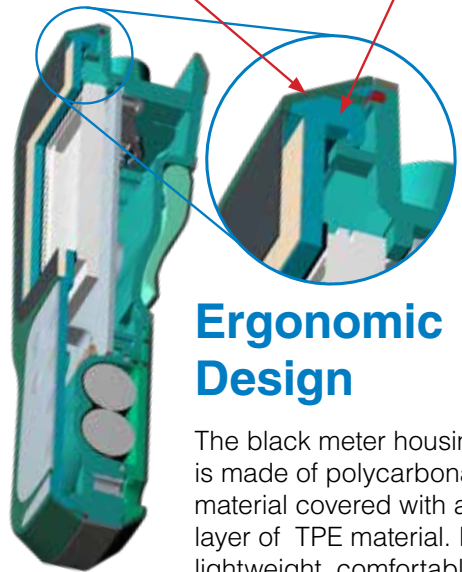
Built-in Electrode Holder

Two grooves on the meter serve as electrode holders.

Electrode adapter provides secure attachment for two electrodes so they can be easily placed in solutions.

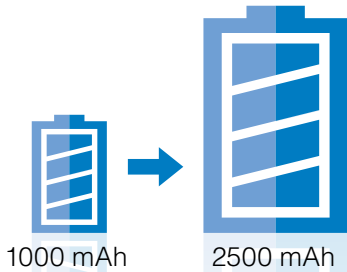


1.0 mm Thermoplastic elastomer (TPE)
Polycarbonate



Ergonomic Design

The black meter housing is made of polycarbonate material covered with a layer of TPE material. It is lightweight, comfortable to touch, and suitable for field applications.



High Battery Capacity

AA batteries have greater power capacity than AAA batteries. Battery life is increased by 2.5x.



9-Button Keypad Minimal Matrix

Operation buttons are reduced to the bare minimum.



Integrated Foldable Meter Stand

A collapsible meter stand is integrated at the back of the meter for convenient usage and storage.

IP67 Waterproof and Dustproof

Fully protected from dust and capable of withstanding water immersion up to 1 meter depth for 30 mins.¹

PC / Printer Communications

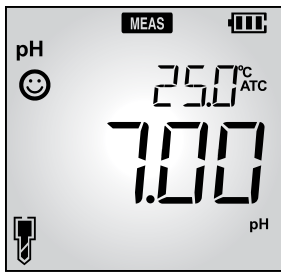
The 220 models are GLP-compliant: calibration and measurement data are captured with date and time stamp. Connect any 220 model to a computer using a PC (USB) cable² to transfer data via data acquisition software or connect to a HORIBA printer using a printer (RS232) cable² to print data.

¹ With electrodes connected and communication port sealed
² Cables and printer are sold separately

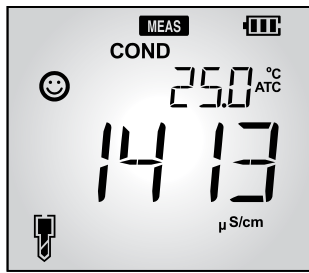


Easy-to-Read Display

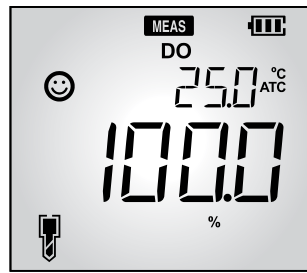
Electrode condition, reading stability, parameter, and temperature in one screen can be checked at a glance.



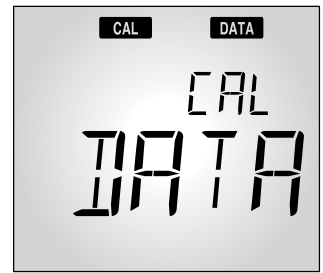
pH Display



Conductivity Display

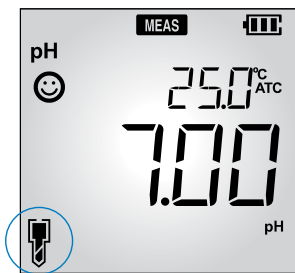


Dissolved Oxygen Display



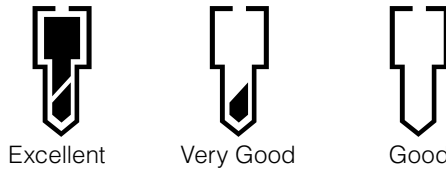
Calibration Data

Simply press CAL button and then DATA button to view the latest calibration data.



Electrode Status Indicator

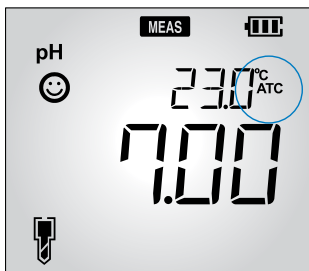
The electrode icon indicates the condition of the electrode after each calibration.



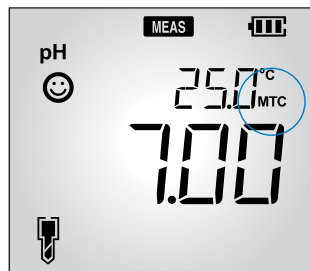
Excellent

Very Good

Good



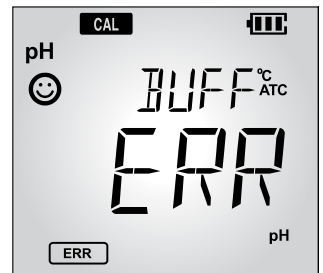
Temperature sensor connected



Temperature sensor disconnected

Temperature Sensor Indicator

When the temperature sensor is connected to the meter, ATC is displayed. Otherwise MTC is displayed.



Diagnostic Messages

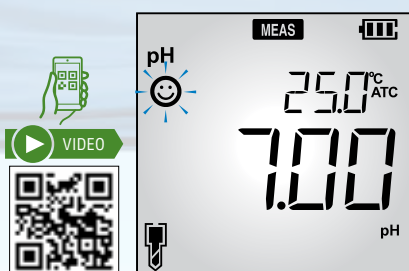
Self-diagnosing meters display measurement and meter issues for fast fault finding and troubleshooting.

Measurement modes: Auto Stable, Auto Hold, Real Time

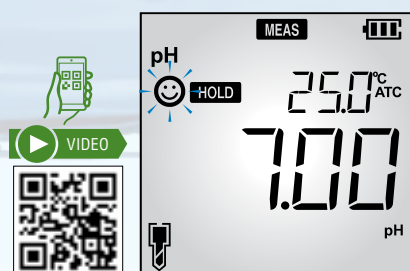
Auto Stable (AS) mode - the meter shows live readings; 😊 annunciator blinks until the reading is stable.

Auto Hold (AH) mode - the meter locks the stable reading; 😊 annunciator blinks until reading is stable and then **HOLD** lights up.

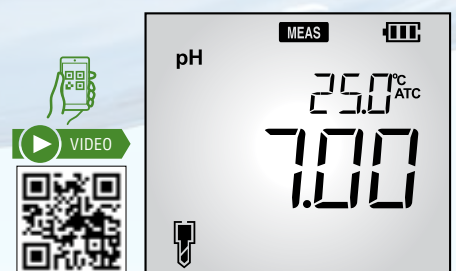
Real Time - the meter shows live readings; Both 😊 and **HOLD** annunciators are inactive.



Auto Stable



Auto Hold



Real Time



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

Rugged Carrying Case

The durable case keeps your meter, electrodes, solutions, and accessories secured, organized, and protected during quick field testing on the go or storage.



9652-10D / 20D Plastic-body, Double Junction, Gel pH Electrodes

| Model | 9652-10D | 9652-20D |
|-----------------------------|------------------------------|------------|
| Part No. | 3200786359 | 3200786361 |
| pH Range | 0 - 14 pH | |
| Temperature Range | 0 - 80 °C | |
| Liquid Junction | Porous sintered polyethylene | |
| Temperature Sensor | Integrated | |
| Connectors | BNC, phono | |
| Electrode Length & Diameter | 150 x 16 mm | |
| Cable Length | 1.0 m | 2.0 m |

9383-10D Plastic-body, Titanium/Platinum Black Conductivity Cell

| Model | 9383-10D |
|-----------------------------|----------------------|
| Part No. | 3200780927 |
| Cell Constant | 1 cm ⁻¹ |
| Conductivity Range | 1 μS/cm to 100 mS/cm |
| Temperature Range | 0 - 80 °C |
| Temperature Sensor | Integrated |
| Connectors | BNC, phono |
| Electrode Length & Diameter | 150 x 16 mm |
| Cable Length | 1.0 m |

9552-20D / 50D Galvanic DO Probes

| Model | 9552-20D | 9552-50D |
|-------------------------------|-------------------|------------|
| Part No. | 3200780939 | 3200780941 |
| DO Range | 0 - 20.00 mg/L | |
| Temperature Range | 0 - 50 °C | |
| Temperature Sensor | Integrated | |
| Connectors | BNC, phono | |
| Electrode Length & Diameter | 165 x 30 mm | |
| Cable Length | 2.0 m | 5.0 m |
| Replacement DO Tip / Part No. | 5402 / 3200781553 | |

pH Meters



| Model | PH210 | PH220 |
|-------------------------------------|--|--|
| | pH/ORP/Temp (°C/°F) | |
| pH Range | -2.00 to 16.00 pH | |
| Resolution | 0.01 pH | |
| Accuracy | ±0.01 pH | |
| Calibration Points | USA & NIST (Up to 5), DIN (Up to 6) | |
| pH Buffer Groups | USA, NIST, DIN | |
| ORP Range | ±2000 mV | |
| Resolution | 0.1 mV (< ±1000 mV), 1 mV (≥ ±1000mV) | |
| Accuracy | ±0.3 mV (< ±1000 mV), 0.3% of reading (≥ ±1000mV) | |
| 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 | |
| Memory | 500 | 1000 |
| Auto Data Log | ● | ● |
| Real-time Clock | — | ● |
| Date & Time Stamp | — | ● |
| Auto Hold / Auto Stable / Real Time | ● | ● |
| Offset & Average Slope Display | ● | ● |
| Calibration Alarm (1 to 90 days) | ● | ● |
| Auto Shut-Off (1 to 30 mins.) | ● | ● |
| Electrode Status | ● | ● |
| Diagnostic Messages | ● | ● |
| PC Communication ¹ | — | ● |
| Printer Communication ² | — | ● |
| Meter Inputs | BNC, phono | |
| Display | Custom LCD with backlight | |
| Housing | IP67, shock & scratch resistant, non-slip | |
| Power Requirement | 2 x AA batteries | |
| Battery Life | > 500 hours | |
| Meter Dimensions | 160 (L) x 80 (W) x 40.60 (H) mm | |
| Meter Weight | Approx. 260 g (with batteries) / 216 g (without batteries) | |
| Meter Kit* | PH210-K Waterproof pH/ORP/Temp Handheld Meter Kit (3200779526) <ul style="list-style-type: none"> • PH210 Meter • 9652-10D Gel pH electrode • 4.01, 7.00, 10.01 pH Buffers (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide | PH220-K Waterproof pH/ORP/Temp Handheld Meter Kit (3200779527) <ul style="list-style-type: none"> • PH220 Meter • 9652-10D Gel pH electrode • 4.01, 7.00, 10.01 pH Buffers (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide |

*Meter kit with NIST pH buffers is available upon request. Add 'N' suffix to order code.

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638

● Available — Not available

Conductivity Meters



| Model | EC210 | EC220 |
|------------------------------------|---|---|
| | EC/TDS/Res/Sal/Temp (°C/°F) | |
| Conductivity Range | ..µS/cm to 200.0 mS/cm (k=1.0) | |
| Resolution | 0.05% full scale | |
| Accuracy | ±0.6% full scale, ±1.5% full scale > 18.0 mS/cm | |
| Reference Temperature | 15 to 30 °C | |
| Temperature Coefficient | 0.00 to 10.00% | |
| Cell Constants | 0.1, 1.0, 10.0 | |
| Calibration Points | Up to 4 (Auto) / Up to 5 (Manual) | |
| Units | S/cm, S/m (Auto Ranging) | |
| Total Dissolved Solids (TDS) Range | ..ppm to 100 ppt (TDS factor=0.5) | |
| Resolution | 0.01 ppm (mg/L) / 0.1 ppt (g/L) | |
| Accuracy | ±0.1% full scale | |
| TDS Curves | Linear (0.40 to 1.00), EN27888, 442, NaCl | |
| Resistivity Range | 0.000 Ω•cm to 20.0 MΩ•cm | |
| Resolution | 0.05% full scale | |
| Accuracy | ±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 | |
| 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 | |
| Memory | 500 | 1000 |
| Auto Data Log | ● | ● |
| Real-time Clock | — | ● |
| Date & Time Stamp | — | ● |
| Auto Hold / Auto Stable/ Real Time | ● | ● |
| Auto Shut-Off (1 to 30 mins.) | ● | ● |
| Electrode Status | ● | ● |
| Diagnostic Messages | ● | ● |
| PC Communication ¹ | — | ● |
| Printer Communication ² | — | ● |
| Meter Inputs | BNC, phono | |
| Display | Custom LCD with backlight | |
| Housing | IP67, shock & scratch resistant, non-slip | |
| Power Requirement | 2 x AA batteries | |
| Battery Life | > 500 hours | |
| Meter Dimensions | 160 (L) x 80 (W) x 40.60 (H) mm | |
| Meter Weight | Approx. 260 g (with batteries) / 216 g (without batteries) | |
| Meter Kit | EC210-K Waterproof EC/TDS/Res/Sal/Temp Handheld Meter Kit (3200779528) <ul style="list-style-type: none"> • EC210 Meter • 9383-10D Ti/Pt Conductivity electrode (k=1.0) • 84 µS/cm, 1413 µS/cm, 12.88 mS/cm, & 111.8 mS/cm Conductivity standards (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide | EC220-K Waterproof EC/TDS/Res/Sal/Temp Handheld Meter Kit (3200779529) <ul style="list-style-type: none"> • EC220 Meter • 9383-10D Ti/Pt Conductivity electrode (k=1.0) • 84 µS/cm, 1413 µS/cm, 12.88 mS/cm, & 111.8 mS/cm Conductivity standards (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide |

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638

DO Meters



| Model | DO210 | DO220 |
|--|--|--|
| | DO/Temp (°C/°F) | |
| Dissolved Oxygen (DO) Range | 0.0 to 20.00 mg/L 0.0 to 200.0% | |
| Resolution | 0.01 mg/L, 0.1% | |
| Accuracy | ±0.1 mg/L | |
| Salinity Compensation | 0.0 to 40.0 ppt | |
| Barometric Pressure Compensation | Yes | |
| 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 | |
| Memory | 500 | 1000 |
| Auto Data Log | ● | ● |
| Real-time Clock | — | ● |
| Date & Time Stamp | — | ● |
| Auto Hold / Auto Stable / Real Time | ● | ● |
| Auto Shut-Off (1 to 30 mins.) | ● | ● |
| Electrode Status | ● | ● |
| Diagnostic Messages | ● | ● |
| PC Communication ¹ | — | ● |
| Printer Communication ² | — | ● |
| Meter Inputs | BNC, phono | |
| Display | Custom LCD with backlight | |
| Housing | IP67, shock & scratch resistant, non-slip | |
| Power Requirement | 2 x AA batteries | |
| Battery Life | > 500 hours | |
| Meter Dimensions | 160 (L) x 80 (W) x 40.60 (H) mm | |
| Meter Weight | Approx. 260 g (with batteries) / 216 g (without batteries) | |
| Meter Kit with Galvanic DO probe, 2m cable | DO210-K Waterproof DO/Temp Handheld Meter Kit (3200779530) <ul style="list-style-type: none"> • DO210 Meter • 2 x AA Batteries • Carrying case • Manual & Quick Guide • 9552-20D Galvanic DO probe, 2m cable | DO220-K Waterproof DO/Temp Handheld Meter Kit (3200779531) <ul style="list-style-type: none"> • DO220 Meter • 2 x AA Batteries • Carrying case • Manual & Quick Guide • 9552-20D Galvanic DO probe, 2m cable |
| Meter Kit with Galvanic DO probe, 5m cable | DO210-K05 Waterproof DO/Temp Handheld Meter Kit (4000009167) | DO220-K05 Waterproof DO/Temp Handheld Meter Kit (4000009168) |

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638

● Available — Not available

Multi-Parameter Meters



| Model | PC210 | PC220 |
|-------------------------------------|---|---|
| | pH/ORP/EC/TDS/Sal/Res/Temp (°C/°F) | |
| pH Range | -2.00 to 16.00 pH | |
| Resolution | 0.01 pH | |
| Accuracy | ±0.01 pH | |
| Calibration Points | USA & NIST (Up to 5), DIN (Up to 6) | |
| pH Buffer Groups | USA, NIST, DIN | |
| ORP Range | ±2000 mV | |
| Resolution | 0.1 mV (< ±1000 mV), 1 mV (≥ ±1000mV) | |
| Accuracy | ±0.3 mV (< ±1000 mV), 0.3% of reading (≥ ±1000mV) | |
| Calibration Option | Yes | |
| Conductivity Range | ..µS/cm to 200.0 mS/cm (k=1.0) | |
| Resolution | 0.05% full scale | |
| Accuracy | ±0.6% full scale, ±1.5% full scale > 18.0 mS/cm | |
| Reference Temperature | 15 to 30 °C | |
| Temperature Coefficient | 0.00 to 10.00% | |
| Cell Constants | 0.1, 1.0, 10.0 | |
| Calibration Points | Up to 4 (Auto) / Up to 5 (Manual) | |
| Units | S/cm, S/m (Auto Ranging) | |
| Total Dissolved Solids (TDS) Range | ..ppm to 100 ppt (TDS factor=0.5) | |
| Resolution | 0.01 ppm (mg/L) / 0.1 ppt (g/L) | |
| Accuracy | ±0.1% full scale | |
| TDS Curves | Linear (0.40 to 1.00), EN27888, 442, NaCl | |
| Resistivity Range | 0.000 Ω•cm to 20.0 MΩ•cm | |
| Resolution | 0.05% full scale | |
| Accuracy | ±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 | |
| 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 | |
| Memory | 500 | 1000 |
| Auto Data Log | ● | ● |
| Real-time Clock | — | ● |
| Date & Time Stamp | — | ● |
| Auto Hold / Auto Stable / Real Time | ● | ● |
| Offset & Average Slope Display | ● | ● |
| Calibration Alarm (1 to 90 days) | ● | ● |
| Auto Shut-Off (1 to 30 mins.) | ● | ● |
| Electrode Status | ● | ● |
| Diagnostic Messages | ● | ● |
| PC Communication ¹ | — | ● |
| Printer Communication ² | — | ● |
| Meter Inputs | BNC, phono | |
| Display | Custom LCD with backlight | |
| Housing | IP67, shock & scratch resistant, non-slip | |
| Power Requirement | 2 x AA batteries | |
| Battery Life | > 500 hours | |
| Meter Dimensions | 160 (L) x 80 (W) x 40.60 (H) mm | |
| Meter Weight | Approx. 260g (with batteries) / 216g (without batteries) | |
| Meter Kit* | PC210-K Waterproof pH/ORP/EC/TDS/Sal/Res/Temp Handheld Meter Kit (3200779532) <ul style="list-style-type: none"> PC210 Meter 9652-10D Gel pH electrode 9383-10D Ti/Pt Conductivity electrode (k=1.0) 4.01 & 7.00 pH Buffers (60 ml each) 1413 µS/cm & 12.88 mS/cm Conductivity standards (60 ml each) 2 x AA Batteries Electrode Adapter Carrying case Manual & Quick Guide | PC220-K Waterproof pH/ORP/EC/TDS/Sal/Res/Temp Handheld Meter Kit (3200779533) <ul style="list-style-type: none"> PC220 Meter 9652-10D Gel pH electrode 9383-10D Ti/Pt Conductivity electrode (k=1.0) 4.01 & 7.00 pH Buffers (60 ml each) 1413 µS/cm & 12.88 mS/cm Conductivity standards (60 ml each) 2 x AA Batteries Electrode Adapter Carrying case Manual & Quick Guide |

*Meter kit with NIST pH buffers is available upon request. Add 'N' suffix to order code.

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638

● Available — Not available

Multi-Parameter Meters



| Model | PD210 | PD220 |
|-------------------------------------|--|--|
| | pH/ORP/DO/Temp (°C/°F) | |
| pH Range | -2.00 to 16.00 pH | |
| Resolution | 0.01 pH | |
| Accuracy | ±0.01 pH | |
| Calibration Points | USA & NIST (Up to 5), DIN (Up to 6) | |
| pH Buffer Groups | USA, NIST, DIN | |
| ORP Range | ±2000 mV | |
| Resolution | 0.1 mV (< ±1000 mV), 1 mV (≥ ±1000mV) | |
| Accuracy | ±0.3 mV (< ±1000 mV), 0.3% of reading (≥ ±1000mV) | |
| Calibration Option | Yes | |
| Dissolved Oxygen (DO) Range | 0.0 to 20.00 mg/L 0.0 to 200.0% | |
| Resolution | 0.01 mg/L, 0.1% | |
| Accuracy | ±0.1 mg/L | |
| Salinity Compensation | 0.0 to 40.0 ppt | |
| Barometric Pressure Compensation | Yes | |
| 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 | |
| Memory | 500 | 1000 |
| Auto Data Log | ● | ● |
| Real-time Clock | — | ● |
| Date & Time Stamp | — | ● |
| Auto Hold / Auto Stable / Real Time | ● | ● |
| Offset & Average Slope Display | ● | ● |
| Calibration Alarm (1 to 90 days) | ● | ● |
| Auto Shut-Off (1 to 30 mins.) | ● | ● |
| Electrode Status | ● | ● |
| Diagnostic Messages | ● | ● |
| PC Communication ¹ | — | ● |
| Printer Communication ² | — | ● |
| Meter Inputs | BNC, phono | |
| Display | Custom LCD with backlight | |
| Housing | IP67, shock & scratch resistant, non-slip | |
| Power Requirement | 2 x AA batteries | |
| Battery Life | > 500 hours | |
| Meter Dimensions | 160 (L) x 80 (W) x 40.60 (H) mm | |
| Meter Weight | Approx. 260 g (with batteries) / 216 g (without batteries) | |
| Meter Kit* | PD210-K Waterproof pH/ORP/DO/Temp Handheld Meter Kit (3200779534) <ul style="list-style-type: none"> • PD210 Meter • 9652-20D Gel pH electrode, 2 m cable • 9552-20D Galvanic DO probe, 2 m cable • 4.01, 7.00, 10.01 pH Buffers (60 ml each) • 2 x AA Batteries • Electrode Adapter • Carrying case • Manual & Quick Guide | PD220-K Waterproof pH/ORP/DO/Temp Handheld Meter Kit (3200779535) <ul style="list-style-type: none"> • PD220 Meter • 9652-20D Gel pH electrode, 2 m cable • 9552-20D Galvanic DO probe, 2 m cable • 4.01, 7.00, 10.01 pH Buffers (60 ml each) • 2 x AA Batteries • Electrode Adapter • Carrying case • Manual & Quick Guide |

*Meter kit with NIST pH buffers is available upon request. Add 'N' suffix to order code.

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638

● Available — Not available

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



501-S NIST pH Buffers Kit



502-S USA pH Buffers Kit

| ORP Powders | | |
|-------------|--------|--|
| Part No. | Model | Description |
| 3200043618 | 160-51 | 89 mV at 25 °C for 250 ml (10 sachets/pack) |
| 3200043617 | 160-22 | 258 mV at 25 °C for 250 ml (10 sachets/pack) |



ORP Powders

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

| pH Electrode Cleaning Solutions | | |
|---------------------------------|-------|--|
| Part No. | Model | Description |
| 3014028653 | 220 | Cleaning solution for removing inorganic sample residues, 50 ml x 2 pcs |
| 3200530494 | 230 | Cleaning solution for removing inorganic and organic sample residues, Solution A (30 ml) & Solution B (100 ml) |
| 3200366771 | 250 | Cleaning solution for removing proteins, 400 ml |

| Electrodes* | | |
|-------------|----------|--|
| Part No. | Model | Description |
| 3200786359 | 9652-10D | Plastic-body, gel-filled pH electrode with integrated temperature sensor and 1 m cable |
| 3200786361 | 9652-20D | Plastic-body, gel-filled pH electrode with integrated temperature sensor and 2 m cable |
| 3014046710 | 9300-10D | ORP electrode with flat platinum tip and temperature sensor |
| 3200780927 | 9383-10D | Plastic-body, Titanium / Platinum black (k=1.0) conductivity cell with integrated temperature sensor and 1 m cable |
| 3200780939 | 9552-20D | Galvanic DO probe with integrated temperature sensor and 2 m cable |
| 3200780941 | 9552-50D | Galvanic DO probe with integrated temperature sensor and 5 m cable |
| 3200781553 | 5402 | Replacement DO tip for 9552-20D and 9552-50D |

| Accessories | | |
|-------------|-------|--|
| Part No. | Model | Description |
| 3014028368 | X-51 | Digital simulator for pH, mV, Ion, DO & temperature |
| 3014028370 | X-52 | Digital simulator for conductivity & temperature |
| 3014030146 | - | Printer for GLP / GMP compliance, 120V US version (printer cable is sold separately) |
| 3014030147 | - | Printer for GLP / GMP compliance, 230V EU version (printer cable is sold separately) |
| 3200779638 | - | 25-pin D-Sub Printer (RS232) cable (meter to printer), 1.5 m |
| 3014030149 | - | Printer paper, 20 rolls |
| 3014030150 | - | Printer ink ribbon, 5pcs/pack |
| 3200779640 | - | Electrode adapter |
| 3200779639 | - | PC (USB) cable with free data acquisition software in USB flash drive to connect meter and computer, 1.5 m |



X-51 Digital Simulator X-52 Digital Simulator



Printer



PC (USB) cable (Meter to Computer)



Electrode Adapter



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



Replacement DO tip 5402

*Electrodes carry 6-month warranty against manufacturing defects.

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.



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.



Electrodes

Various electrodes to match any application. A wide range of products are available, including easy and reliable standard models, application-focused models for small samples or large containers, and special electrodes for specific sample characteristics.



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.



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Asia Pacific
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

Americas
HORIBA Instruments Incorporated
 9755 Research Drive, Irvine,
 California 92618 USA
 Phone: +1 949 250 4811
 Fax: +1 949 250 0924, +1 949 468 1890
 e-mail: labinfo@horiba.com