

geotech Portable Multiparameter Water Quality Meter

YSI ProQuatro

The YSI ProQuatro is an economical single or multiparameter water quality instrument designed for portable applications that include groundwater, surface water, coastal and agriculture. The ProQuatro features user-replaceable cables and sensors, quick response times, and micro USB port for easy data transfer. Reference the ordering guide included with the tech sheet for optional configurations.

FEATURES

- Impact-resistant, IP-67 waterproof handheld display
- Multi-line graphic display
- Detachable twist-lock cable connection
- Up to 80 hours of continuous operation
- ISE sensor compatible
- Optional flow-cell for low-flow sampling methods

AVAILABLE SENSORS

- pH*
- pH/ORP*
- Conductivity
- Dissolved Oxygen (Galvanic or Polarographic)
- Ammonium (ISE)
- Chloride (ISE)
- Nitrate (ISE)

*Amplified available. Not for use with Quatro Cable



CALL GEOTECH TODAY (800) 833-7958

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SPECIFICATIONS

| | |
|-----------------------|--|
| Size | 8.3 cm width x 21.6 cm length x 2.3 cm depth (3.25 in. x 8.5 in. x 2.25 in.) |
| Weight with Batteries | 475 grams (1.05 lbs.) |
| Power | 2 alkaline C-cells provide 80 continuous hours at ambient temperature without backlight; USB power or optional wall power can be supplied via micro USB port |
| USB Port | Built-in micro USB port for on-the-go data exports via direct connection to the included USB stick; user-upgradeable firmware via USB and website |
| Operating Temperature | -10 to 60°C |
| Storage Temperature | -20 to 70°C |
| Display | Backlit, graphic display |
| Memory | 5000 datasets; 50 unique data identifiers |
| Logging Modes | Single point or continuous with auto stable feature |
| Field Cables | Standard lengths of 1, 4, 10, 20 or 30 meters with single port, dual port or Quatro cables |
| Lab Cables | BOD sensor includes 2-meter cable; 1 or 4 meters on lab pH, ORP and pH/ORP cables |
| Barometer | Range: 375 to 825 mmHg Accuracy: ±1.5 mmHg from 0 to 50°C Resolution: 0.1 mmHg |
| DO Membrane | 1.25 mil PE = 8 seconds and 6 in./sec. flow |
| Response Times | 2.0 mil PE = 17 seconds and 3 in./sec. flow |
| (T95; 100%-0) | 1 mil Teflon® = 18 seconds and 12 in./sec. flow |
| and Flow Dependence | |
| Warranty | 3-year instrument; 2-year cable |
| Waterproof | IP-67 (even with battery cover off); floats |
| Languages | English, Chinese (Simplified & Traditional), French, German, Italian, Japanese, Norwegian, Portuguese, Spanish |
| Certifications | RoHS, CE, FCC |
| Country of Origin | Assembled in the USA |



A complete, customized kit

ORDERING GUIDE

Step 1: Select Handheld

All handhelds include Alkaline batteries, a handstrap, a USB memory stick containing the manuals and the quick start guide, and a data export cable.

- ProQuatro Handheld

Step 2: Select Cable Assembly

All cables include temperature; cables over 1 meter include cable management kit; cables with conductivity include sensor (no need to order conductivity sensor)

1-Port Cable Assemblies

- ISE*/temp. cable; 1, 4, 10, 20, or 30 meter length
*ISEs include pH, ORP, Ammonium, Nitrate, and Chloride
- DO/temp. cable; 1, 4, 10, 20, 30 or 100 meter* length
*Special order cables in 10-meter increments up to 100 meters available
- Conductivity/temp. cable; 1, 4, 10, 20, or 30 meter length

2-Port Cable Assemblies

- ISE/ISE/temp. cable; 1, 4, 10, 20, or 30 meter length
- ISE/DO/temp. cable; 1, 4, 10, 20, or 30 meter length
- ISE/conductivity/temp. cable; 1, 4, 10, 20, or 30 meter length
- DO/conductivity/temp. cable; 1, 4, 10, 20, or 30 meter length

Quatro Cable Assembly

- ISE/ISE/DO/conductivity/temp cable; 1, 4, 10, 20, or 30 meter length

Integrated Sensor Cable Assemblies

- pH sensor & cable; 4 meter length
- ORP sensor & cable; 4 meter length
- pH/ORP sensor & cable; 4 meter length
- pH sensor & cable; 1 meter length
- ORP sensor & cable; 1 meter length
- Self-stirring BOD (1-meter cable included)

Step 3: Select Sensor(s)

- Galvanic DO
- Polarographic DO
- pH (ISE)
- ORP (ISE)
- pH/ORP combination (ISE)*
- Ammonium (ISE)
- Chloride (ISE)
- Nitrate (ISE)
- Amplified pH Sensor (ISE)
- Amplified pH/ORP Sensor (ISE)4*

*Not recommended on ISE/ISE/temp. or Quatro cables. Only pH would appear.

*Not for use with Quatro cable.

Step 4: Select Standards

- Conductivity calibrator, 1000 µs/cm (8 ea, pint)
- Conductivity calibrator, 10,000 µs/cm (8 ea, pint)
- Conductivity calibrator, 50,000 µs/cm (8 ea, pint)
- Zobell solution, ORP calibrator (125 mL)
- Zobell solution, ORP calibrator (250 mL)
- Zobell solution, ORP calibrator (500 mL)
- pH 4 buffer (box of 6 pints)
- pH 7 buffer (box of 6 pints)
- pH 10 buffer (box of 6 pints)
- pH buffer (2 pints each of 4, 7, and 10 buffer)
- Ammonium cal solution, 1 mg/L (500 mL)
- Ammonium cal solution, 10 mg/L (500 mL)
- Ammonium cal solution, 100 mg/L (500 mL)
- Nitrate standard, 1 mg/L (500 mL)
- Nitrate standard, 10 mg/L (500 mL)
- Nitrate standard, 100 mg/L (500 mL)
- Confidence Solution® (Conductivity, pH, & ORP)*

*This solution is only for verification, not calibration.

Step 5: Select Accessories

- Carrying case, soft-sided
- Flow cell for 1- or 2-port cables; Flow cell adapter needed for 1-port cable
- Small carrying case, soft-sided
- Flow cell adapter, 1-port (used with Flow cell)
- Tripod
- Belt clip
- 4.9 oz. weight - stackable on guard for use with 1-port or Quatro cables
- Carrying case, hard-sided
- Flow cell kit, 1- or 2-port cables (includes Flow cell & Flow cell adapter)
- Shoulder strap
- Flow cell for Quatro Cable
- Ultra clamp
- Cable management kit
- Lab dock, holds meter and BOD probe

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