xylem
Let's Solve Water

ProQuatro

PORTABLE MULTIPARAMETER WATER QUALITY METER

Available from

Flux enviro
www.fluxenviro.com
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SPECIFICATIONS
XA00088-01

YSI
a xylem brand

ProQuatro

TOUGHER. SMARTER. MORE VERSATILE.

The **ProQuatro** handheld multiparameter meter measures a variety of combinations of dissolved oxygen, conductivity, specific conductance, salinity, resistivity, total dissolved solids (TDS), pH, ORP, pH/ORP combination, ammonium (ammonia), nitrate, chloride and temperature.

In addition to its impact-resistant, waterproof case, the ProQuatro has features that make field sampling faster and easier:

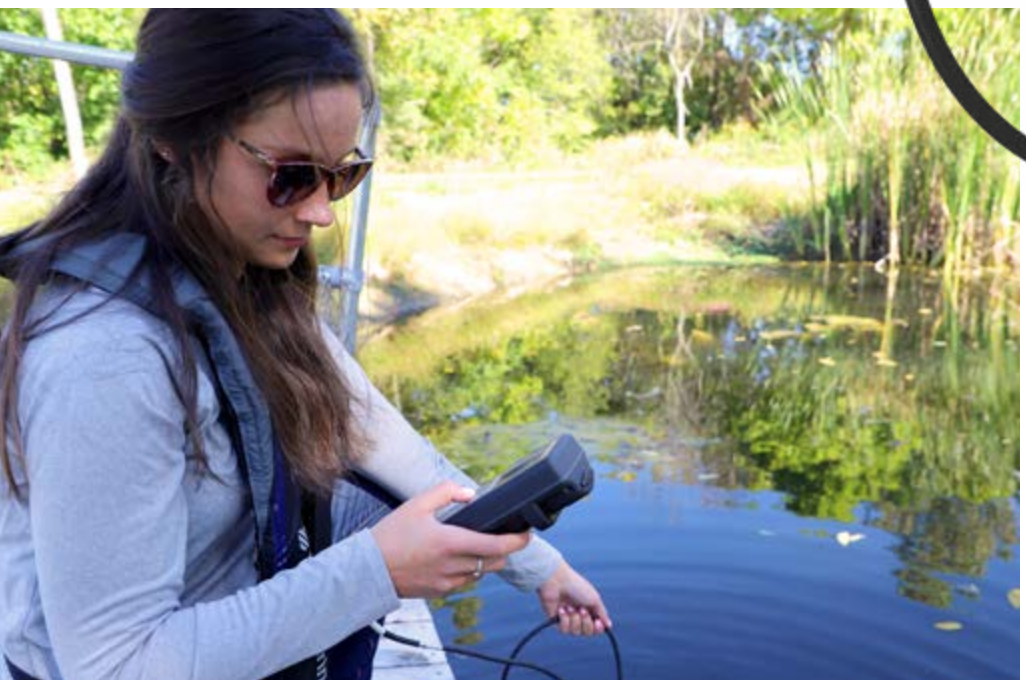
- User-replaceable cables and sensors
- Real-time salinity compensation of DO measurements
- Quick response times

ProQuatro handhelds feature a built-in **micro USB port** for simplified access to your data in the field or the lab.

ProQuatro PORTABLE MULTIPARAMETER WATER QUALITY METER

ProQuatro 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 Response Times (T95; 100%-0) and Flow Dependence	1.25 mil PE = 8 seconds and 6 in/sec flow 2.0 mil PE = 17 seconds and 3 in/sec flow 1 mil Teflon® = 18 seconds and 12 in/sec flow
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

Customize your multiparameter sampling with the **Quatro cable and four water quality sensors.**



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Pro Series Sensor Specifications

Sensor / Parameter	Range	Resolution	Accuracy	Calibration
Temperature (Thermistor) Units: °C, °F, K	**Field Cables:** -5 to 70 °C **Lab Cables:** 0 to 40 °C	**Field Cables:** 0.1 °C **Lab Cables:** 0.1 °C	**Field Cables:** ±0.2 °C; ±0.3 °C cables over 45 m **Lab Cables:** ±0.35 °C	
pH (Glass Combination Electrode) Units: mV, pH units	0 to 14 units	0.01 units	±0.2 units	1, 2, or 3 point (user selectable); US, NIST or Custom Buffers
ORP (Platinum Button) Units: mV	-1999 to 1999 mV	0.1 mV	±20 mV in redox standards	1 point
Dissolved Oxygen (Polarographic or Galvanic) Units: % Saturation temp comp range -5 to 50 °C Units: mg/L, ppm temp comp range -5 to 50 °C	0 to 500% 0 to 50 mg/L	0.1% or 1% air saturation (user selectable) 0.1% air saturation	**0 to 200%:** ±2% of reading or 2% air saturation, w.i.g. **200 to 500%:** ±6% of reading **0 to 20 mg/L:** ±2% of reading or 2 mg/L, w.i.g. **20 to 50 mg/L:** ±6% of reading 0.1% or 0.01 mg/L (user selectable)	1 or 2 point with zero
Conductivity / **Specific Conductance** (Four Electrode Cell) Units: µS, mS	0 to 200 mS/cm (auto-range)	**1 m, 4 m cables:** Range dependent **20 m cable:** 0 to 0.500 mS/cm: 0.001 0.501 to 50.00 mS/cm: 0.01 50.01 to 200 mS/cm: 0.1	**1 m, 4 m cables:** ±0.5% of reading or 0.001 mS/cm, w.i.g. **20 m cable:** ±1% of reading or 0.001 mS/cm, w.i.g.	1 point
Salinity (Calculated) Units: ppt, PSU	0 to 70 ppt	0.01 ppt	±1.0% of reading or ±0.1 ppt, w.i.g.	1 point
Total Dissolved Solids (TDS) (Calculated) Units: mg/L, kg/L, g/L	0 to 100 g/L; TDS constant range 0.3 to 1.0 (0.65 default)	0.001, 0.01, .01 g/L	No stated accuracy spec	
Resistivity (Calculated) Units: ohm-cm, kohm-cm, Mohm-cm	0 to 2 Mohms	0.001, 0.01, 0.1 ohms	±0.1% Full Scale	
Ammonium* (Ion Selective Electrode) Units: mg/L-N, mV	0 to 200 mg/L-N 0 to 30 °C	0.01 mg/L	±10% of reading or 2 mg/L-N, w.i.g.	1, 2, or 3 point (user selectable)
Chloride* (Ion Selective Electrode) Units: mg/L-Cl-, mV	0 to 1000 mg/L 0 to 40 °C	0.01 mg/L	±15% of reading or 5 mg/L, w.i.g.	1, 2, or 3 point (user selectable)
Nitrate* (Ion Selective Electrode) Units: mg/L-N, mV	0 to 200 mg/L-N 0 to 30 °C	0.01 mg/L	±10% of reading or 2 mg/L-N, w.i.g.	1, 2, or 3 point (user selectable)

*ISE sensors for freshwater only; 17-meter maximum depth