

YSI ProSwap Water Quality Meter

YSI ProSwap single parameter water quality instrument enables users to easily swap one digital smart sensor for another. ProSwap can transform into whatever you need, ranging from a purpose-built turbidity meter, high-accuracy optical DO meter, spot sample for pH or profile conductivity-temperature-depth instrument. ProSwap is even compatible with a range of ion specific electrodes (ISE) and Total Algae sensors.

FEATURES

- Auto-recognized digital smart sensor compatible
- Optional depth sensor
- Color display with backlit keypad
- Rechargeable lithium-ion battery that supports a full day of sampling
- Ergonomic handheld design
- Internal data logging with auto stable feature

AVAILABLE SENSORS

- pH
- pH/ORP
- Conductivity/Temperature
- Optical Dissolved Oxygen
- Turbidity
- Ammonium ISE
- Chloride ISE
- Nitrate ISE
- Total Algae PC
- Total Algae PE



CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • FAX (303) 322-7242

email: sales@geotechenv.com • website: www.geotechenv.com

YSI ProSwap Water Quality Meter

SPECIFICATIONS

ProSwap Instrument

Dimensions	8.3 cm width x 21.6 cm length x 5.6 cm depth; 567 g (with battery)
Power	Rechargeable lithium-ion battery pack provides ~48 hours with the handheld only Battery recharge time is ~9 hours with the AC power adapter The instrument can also be powered via AC or external power through the USB port
Operating Temp.	0 to 50°C
Storage Temp.	0 to 45°C with battery installed 0 to 60°C without battery installed
Display	Color, LCD graphic display 3.9 cm width x 6.5 cm height
USB Port	Built-in micro USB On-The-Go port for PC connection, recharging/powering the handheld and connecting directly to a USB stick
Memory	>100,000 data sets
Barometer	Range: 375 to 825 mmHg Units: mmHg, inHg, mbar, psi, kPa, atm Accuracy: ±1.5 mmHg from 0 to 50°C Resolution: 0.1 mmHg
Logging Modes	Single point or continuous with autostable feature
Sites and Data ID	100 user-defined sites and 100 user-defined data ID tags Site pictures can be sent to the handheld via KorDSS Software
Calibration Records	400 detailed calibration records can be stored and are available to view, download, and print (printing only available via KorDSS Software)
Languages	English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese (Simplified & Traditional), Korean, Thai
Certifications	CEC, CE; RoHS; IP-67; WEEE; FCC; UN Part III, Section 38.3, Test methods for lithium-ion batteries (Class 9)
Warranty	3 years on handheld
1-port Cable	
Dimensions (with probe guard)	No depth module: 2.54 cm diameter x 38.18 cm length With depth module: 2.54 cm diameter x 40.71 cm length
Temperature Sensor	Range: -5 to 70°C Accuracy: ±0.2°C Resolution: 0.1°C
Shallow Depth Sensor 1, 4, and 10 m cables (if equipped)	Range: 0 to 10 m Accuracy: ±0.004 m Resolution: 0.001 m
Medium Depth Sensor 20, 30, 50, and 100 m cables (if equipped)	Range: 0 to 100 m Accuracy: ±0.04 m Resolution: 0.001 m
Warranty	2 years on cable

ORDERING GUIDE

Step 1: Select Handheld

All handhelds include a rechargeable lithium-ion battery, hand strap, USB cable, universal AC charger, data export cable, Quick Start Guide, and USB memory stick containing KorDSS software and digital copy of the User Manual.

- ProSwap Handheld with no GPS
- ProSwap Handheld with GPS

Step 2: Select Cable Assembly

ProSwap 1-Port Cable Assemblies

Connect a single smart sensor to focus on any parameter of choice. Features built-in temperature sensor.

- 1, 4, 10, 20, 30, 50, or 100 meter length
- With shallow depth sensor; 1, 4, or 10 meter length
- With medium depth sensor; 20, 30, 50, or 100 meter length

Integrated Probe and Cable Assemblies

Simplify instrument setup with integrated probe and cable assemblies. Available in a variety of parameter-specific options.

- ODO/CT cable with integral optical dissolved oxygen (with pre-installed sensor cap), conductivity, and temperature sensors; 1, 4, 10, 20, 30, 50, or 100 meter length
- ODO/T cable with integral optical dissolved oxygen (with pre-installed sensor cap) and temperature sensors; 1, 4, 10, 20, 30, 50, or 100 meter length
- ProBOD self-stirring optical BOD probe/cable assembly, lab probe; 115 V; 3 meter length
- ProBOD self-stirring optical BOD probe/cable assembly, lab probe; 230 V; 3 meter length

Step 3: Select ProDSS Smart Sensor(s) for 1-Port Cables

- ODO with pre-installed sensor cap
- Turbidity
- Conductivity and temperature
- pH sensor with pre-installed sensor module
- pH/ORP sensor with pre-installed sensor module
- Nitrate sensor with pre-installed sensor module
- Ammonium sensor with pre-installed sensor module
- Chloride sensor with pre-installed sensor module
- Total algae sensor, PC (chlorophyll + phycocyanin)
- Total algae sensor, PE (chlorophyll + phycoerythrin)

Step 4: Select Standards

- Conductivity standard, 1000 umhos/cm (quart)
- Conductivity standard, 10000 umhos/cm (quart)
- Conductivity standard, 100000 umhos/cm (quart)
- Conductivity calibrator, 1000 umhos/cm (8 ea, pint)
- Conductivity calibrator, 1413 umhos/cm (8 ea, pint)
- Conductivity calibrator, 10000 umhos/cm (8 ea, pint)
- Conductivity calibrator, 50000 umhos/cm (8 ea, pint)
- Turbidity standard, 0 FNU (1 gallon)
- Turbidity standard, 12.4 FNU (1 gallon)
- Turbidity standard, 124 FNU (1 gallon)
- Turbidity standard, 1010 FNU (1 gallon)
- 2 pints each of 4, 7, and 10 pH buffers
- 1 mg/L ammonium standard (500 mL)
- 10 mg/L ammonium standard (500 mL)
- 100 mg/L ammonium standard (500 mL)
- 1 mg/L nitrate standard (500 mL)
- 10 mg/L nitrate standard (500 mL)
- 100 mg/L nitrate standard (500 mL)
- Zobell standard for ORP (mV) calibration, 125 mL
- Zobell standard for ORP (mV) calibration, 250 mL
- Zobell standard for ORP (mV) calibration, 500 mL
- Confidence Solution® (Conductivity, pH, & ORP)*

Step 5: Select Accessories

- Large, hard-sided carrying case (Fits 10, 20, and 30 meter cables)
- Large, soft-sided carrying case
- Small, hard-sided carrying case (Fits 1 and 4 meter cables)
- Tripod
- Ultra clamp
- Shoulder strap
- Belt clip
- 1 lb. weight - stackable on guard
- 4.9 oz. weight - stackable on guard
- USB car charger
- Small external USB portable battery pack
- Large external USB portable battery pack

*This solution is only for verification, not calibration.

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • FAX (303) 322-7242

email: sales@geotechenv.com • website: www.geotechenv.com