What can Xylem do for you?

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories, and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to www.xyleminc.com

xylem
Let's Solve Water

Global Water
a **xylem** brand

Follow Global Water on Facebook & Twitter
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twitter.com/GlobalWater2

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8 am – 5 pm Central Time,
Monday – Friday

ECO CALCULATIONS REPORT
YSI, Inc. saved the following resources by selecting U2:XG paper
with 30% post-consumer recovered fiber.

trees	energy	greenhouse gas	waste water	solid waste
4	0.6 million BTUs	489 lbs CO2	711 gal	45 lbs

U2:XG is FSC-certified, contains 30% post consumer recovered fiber, and is manufactured with electricity in the form of renewable energy.
U2:XG is manufactured by Appleton Coated www.appletoncoated.com

Surface Water
WATER INSTRUMENTATION MEETS MONITORING NEEDS

Global Water
a **xylem** brand

Letter To Our Customers

Global Water, founded in 1990, is a manufacturer, distributor, and systems integrator of water instrumentation serving the water, wastewater, and environmental markets. We design and manufacture our own products, as well as distribute products manufactured by other companies. One of our core competencies is to integrate products into systems to meet our customer's requirements. We have a customer service orientation that is supported by our well trained sales engineers and service technicians. We are committed to producing cost effective, accurate, rugged, and reliable monitoring solutions. Our products are engineered for simple installation, easy operation, and minimal maintenance. Our solutions are fully supported and 100% guaranteed. Our web catalog (www.globalw.com) was one of the first in the water monitoring industry, and we have continuously expanded the site to include significant product and technical support information.

Global Water is a Xylem brand. Xylem Inc. (NYSE:XYL) was formed when ITT Corporation spun off its water division into a standalone publicly traded business, in October of 2011. As part of a global water solutions provider we are better positioned to serve our customers.

Global Water's sales department is located in an industrial area near Sacramento, California, while our service department and manufacturing/distribution facility are located in College Station, Texas.

Our web-site has been designed to meet the needs of water-related agencies and companies around the world who have a wide range of requirements for water instrumentation. You will be able to find a variety of information about the equipment you need for your application. Our goal is to help you find the best resources for your applications and to offer you any support you may need. Feel free to contact us by phone, email, fax, or via our online information request form, and we will be glad to assist you.

Bookmark our web-site, globalw.com, so that you can refer to it for all of your water instrumentation needs. We appreciate all your comments and suggestions, and we look forward to helping you monitor the world's waters.

About Xylem

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories, and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to www.xyleminc.com

We are committed to you, our customer:

- Global Water aims to be a manufacturer and distributor of the best products available to meet your water instrumentation needs.

- Our number one goal is to meet your technical support needs. We are ready to recommend solutions and to answer your technical questions.

- We will be happy to help you select the right equipment or to customize a design for your application— and we will even help you find instruments that we do not supply.

- Discounts are available to O.E.M's and large volume users; we will be happy to customize a quote for you.

- We are committed to keeping up with the latest ideas and information to keep you aware of new developments in this fast growing industry. As new products come out, we evaluate them in order to determine their effectiveness and usefulness, and then we pass that information on to you with our suggestions. We are always glad to hear from you about new products that you have found useful.

Our Mission

Our mission is to provide you with reliable and cost effective instrumentation solutions and exceptional customer support.

Our specific objectives are to:

- Serve the engineers, scientists, and operators of our industry by providing reliable and cost effective instrumentation solutions that meet their needs.

- Aggressively, and to the best of our abilities, provide exceptional customer service and technical support.

- Strive to exceed the expectations of our customers.

- Operate with the utmost integrity in all our dealings with customers, vendors, distributors, and employees.

Follow Global Water on Facebook & Twitter

Table of Contents

Level & Pressure

WL16 Water Level Logger

Submersible Pressure Transducer with rugged sensor design combined with a Datalogger for remote monitoring and recording water level or pressure data. The Global Logger II software is included with the WL16 to provide real-time readout, measurement interval and engineering unit selection, station ID setting, and sensor calibration. The WL16 is ideal for your stream, river, lake, reservoir, wetland and pond monitoring needs.

Features

- Ability to record over 81,000 readings
- 4 unique recording options
- Water-resistant
- Storing data and setting options made easy through user friendly software (included)
- Multiple depth ranges
- Highly accurate water level measurements
- Easy operation and installation
- USB and serial communication options available

WL16
Water Level Logger

Accessories

Order No.	Description
AK1500	External Bluetooth Adapter
AN0000	Temperature Option

Bluetooth adapter requires serial version of water level logger

How to Set Up a Stream Gauging Station

For continuous flow monitoring of free-flowing open channels, use a WL16 Water Level Logger and a Flow Probe to establish a stream gauging station.

Install WL16

If you don't have a depth to flow equation for your channel, you will have to create one. In the meantime, install your WL16 at your monitoring site to begin collecting water level data. To protect the sensor and the datalogger, use a 2" pipe with pre-formed sweeps that conform to the stream bank's contours (the sensor will slide through 45° and 90° sweeps). The pipe may be buried in the bank, secured with rocks, or fastened to the bank with large staples made from concrete reinforcing steel.

Measure Depth to Flow

To create a depth to flow equation, use the Flow Probe to take readings at different water levels. To measure flows at various depths, you will either need to manually manipulate flows (in a controlled setting) or measure flows over time (in an uncontrolled setting). Measure at a high water level, a low level, and at several levels in between. The more level/flow data points you have, the more accurate your equation will be.

Correlate Depth to Flow

Now you can develop a table reflecting your channel's depth to flow relationship. Enter this information into a spreadsheet to calculate a rating equation for your data trend. The equation can be applied to level data downloaded from your WL16 to calculate corresponding flow data.

WL16
> globalw.com/products/wl16.html

WL400 Water Level Sensor

Provides highly accurate and reliable water level and pressure measurements in rivers, streams and several other applications. The compact, rugged design makes installation easy. The WL400 has automatic barometric compensation and optional temperature output. The 4-20 mA output sensor is compatible with most monitoring equipment.

WL400
Water Level Sensor

WL450 All Stainless Level Transmitter

Highly accurate submersible pressure transducer. The WL450 features 316L stainless steel diaphragm, digital temperature compensation, and environmentally neutral Hytrel® cable-providing a high level performance over a long period of time with a wide range of operating conditions. The WL450 is perfect for your monitoring applications such as streams, rivers, reservoirs, and more.

WL450
Stainless Level Transmitter

WL705 Ultrasonic Water Level Sensor

Uses the latest ultrasonic distance measuring technology for accurate non-contact water level monitoring. The sensor contains a rugged transducer in a stainless steel housing for long life. The WL705 provides the industry standard 4-20 MA output with 3 ranges available. Higher ranges are best for use in river, lake or open channel level measurements. Installation is simple and requires no programming, calibration or maintenance.

WL705
Ultrasonic Water Level Sensor

WL400
> globalw.com/products/levelsensor.html

WL 450
> globalw.com/products/wl450.html

WL705
> globalw.com/products/wl705.html

Flow Measurement

FC220
Open channel
flow monitor

FC220 Open Channel Flow Monitor
Reliable and accurate monitor for measuring and totalizing open channel flows for flumes and weirs, as well as for any gravity-type open channel flow application.

Features
- 8-button keypad that easily guides you through the versatile setup menus
- Digital LCD screen that displays water flow up to 7 digits, allowing for large flows to be displayed and totalizer records up to 9 digits.
- Easy to use interface with user selectable flow tables
- Water resistant enclosure
- Accepts any 4-20mA water level sensor's input
- Output signal for recorders and displays
- Non-volatile memory, password protected from reset

FC220
> globalw.com/products/fc220.html

FP111
Flow Probe

FP111
Prop housing with
optional orientation fin

FP111
> globalw.com/products/flowprobe.html

FP111, FP211 and FP311 Flow Probes
Highly accurate water velocity (flow) probes that measure flow in a variety of surface water applications-streams, rivers, canals, and stormwater/agricultural runoff. A unique turbo propeller sensor uses the most accurate positive displacement technique available for velocity sensing. Flow Probe handles come in three lengths: 3.7 to 6 feet (FP111), 5.5 to15 feet (FP211) and 2.5 to 5.5 feet (FP311).

Features
- Digital display in ft/sec or m/sec
- Records 30 data sets for later analysis
- Rain-proof digital computer
- Highly accurate easy flow monitoring
- Debris shedding turbo-prop
- Lightweight, rugged, and reliable
- Telescoping handle with staff gauge
- Padded carrying case for easy storage
- CE Certified
- Used by water professionals worldwide since 1990

Easy Streamflow Measurement
Quickly and easily measure streamflow using Global Water's Flow Probe. Flow is determined by: V (average velocity) x A (cross-section area) = Q (flow).

Calculate the cross-sectional area (A) of water in a round pipe by measuring the water's depth and using the calculation tables included in the Flow Probe's manual. To determine the cross-sectional area for streams and rivers, measure the distance from shore and water depth at various points across the stream to construct a channel profile. These measurements are easy to record by drawing a diagram on graph paper.

The Flow Probe supports two unique methods for determining the average velocity (V) in a stream. (1) For small streams and pipes, move the probe slowly and smoothly throughout the flow until a steady average reading is displayed. This reading is the true average velocity for the streamflow. (2) For larger streams and rivers, divide the stream into subsections 2-3 feet wide. We recommend that you draw the subsections on your channel profile and run a measuring tape across the stream for reference. Obtain an average velocity at the center of each subsection by repeatedly moving the probe vertically from the surface to the bottom until a steady reading is displayed. The average velocity multiplied by the area of the subsection equals the flow for the subsection. Add all of the subsection flows to obtain the total streamflow.

Flow Measurement

RF Series – Ramp Flumes

Fixed size flumes for flow measurement. Ideal for use in small streams, irrigation ditches, and lined or unlined canals.

Features

- Low investment for accurate water measurement
- Wide flow rate ranges available
- Simple Installation
- Easy Shipping-RF3.5, RF7, and RF10 units can be shipped via UPS.
- Rugged Design
- Low Maintenance-Self cleaning functionality in the approach section

RF Flume

Parshall Flume

Constricts primarily horizontally. The Parshall flume is designed for rectangular or trapezoidal channels such as irrigation, environmental, or industrial.

Palmer-Bowlus Flume

Constricts the flow vertically and horizontally. The Palmer-Bowlus flume can be molded to be inserted into an existing half-round pipe.

Parshall Flume

"H" Flume

Attach to the ends of pipes where the water is free-falling.

Features

- High quality polyester resin and fiber-glass materials
- Highly durable and accurate
- Easy installation

RF Flume
> globalw.com/products/rflume.html

Parshall, Palmer-Bowlus & "H" Flumes
> globalw.com/products/flumes.html

FSS
> globalw.com/products/ids.html

WS705
> globalw.com/products/ws705.html

WS755
> globalw.com/products/ws755.html

Accessories *For Parshall, Palmer-Bowlus, and H flumes only.

Order No.	Description
BP1050	Attached 8 in. Stilling Well
01-320	2 in. Stilling Well Port
BP0000	2 in. Stilling Well
01-004	Staff Gauge, standard
01-316	Staff Gauge, metric
BP1100	Bubbler Tube
01-003	Wingwalls (pair)
BP1150	Concrete Anchor Clips

Sampling

FSS Sampling System

FSS – Sampling Systems

A unique water monitoring package that includes an easy to use lightweight composite/discrete water sampler, an open channel flow monitor and dual displays and outputs with a data recorder that is both Windows™ and Windows™ CE compatible. System has over 20 pre-programmed flume and weir tables for ease of use and flexibility. The peristaltic pump prevents sample contamination. The FSS is portable and can easily be set up to take samples based on flow rates such as a stream monitoring application.

Accessories & Parts

Order No.	Description
00-010	Spare 12V Gel Cell Battery
FE0400	Battery Charger
00-835*	1- Gallon Glass Bottle
CA0600	Stainless Steel Suction Strainer
00-546	Suction Hose, per foot
00-744	Peristaltic Pump Tubing, per foot

*Only one glass bottle will fit in sampler case without removing battery

WS705

WS755

WS705 & WS755 – Sampling Systems

Global Water's WS705 single bottle and WS755 dual-bottle samplers combine all of the features you need to meet a wide variety of sampling requirements. Both models can be used in many surface water applications, ideally, river and stream sampling.

Features

- Easy transport-quick disconnect pickup hose conveniently stored inside the enclosure
- Durable-heavy duty wheels and retractable handle built in
- Improved battery life-enclosed battery compartment with smart battery charger
- Rugged construction for harsh environments

Accessories & Parts

Order No.	Description
CTU000	Stormwater Kit
01-342	Quick Release Pump Head
FQ0000	9-Channel Data Logger
FR0000	3-Channel Data Logger, USB
FH0000	Solar Panel (5 watts, 300mA minimum)

Sampling

WQS

WQS Water Quality Sampling System

Unique portable water quality sampler that includes an easy to use, lightweight composite/discrete water sampler, a water quality process controller with dual relay outputs, and a data recorder that is compatible with Windows ™ and Windows ™ CE. Easy set up based on sensor parameters, making the WQS ideal for identifying water quality trouble areas and/or triggering samples based on water level or weather factors.

WQS Features

• Easy to use four button interface with user selectable sensor types

• Rugged construction for harsh environments

• Scalable water quality triggers for taking composite samples

• Water quality sampler data recorder is Windows compatible

Accessories & Parts

Order No.	Description
DA0000	Water Temperature Sensor
DB0000	pH Sensor
DFH000	Turbidity Sensor
DCC500	Conductivity Sensor
DD0500	Optical D.O., 25 ft cable

The swing sampler allows for easy sample collection from different angles. Pole extends up to 12 ft.

SP250
Best for fast tubing changes and reduced maintenance

SP200
Allows samples at any speed up to 500 ml per minute rate at 4 foot head

SP100
Easy push-button control for exact sample sizes

SP- Series Portable Samplers

The SP-Series Portable Samplers include the SP200 Variable Speed Peristaltic Sampling Pump, the SP250 Quick Release Sampler, and the SP100 Push Button Sampler. This sampler family is ideal for sample collecting within shallow lakes, ponds and holding pools.

SP- Series Features

• Easy sample collection

• Rugged, lightweight, weather resistant enclosure

• Reversible motor to backflush hose

WQS
> globalw.com/products/wqs.html

SP100
> globalw.com/products/sp100.html

SP200
> globalw.com/products/sp200.html

SP250
> globalw.com/products/sp250.html

SWING SAMPLER
> globalw.com/products/swing.html

Water Quality

WQMS Water Quality Monitoring System

Allows you to monitor multiple water quality parameters with a fully integrated, easy to use, economical system.

System Includes:
Multichannel datalogger (7 analog channels and 2 digital channels) for data recording, four of our rugged 4-20 mA water quality sensors for measuring water temperature, pH, conductivity, and dissolved oxygen. You can select up to 3 more analog sensors and up to 2 digital sensors to monitor additional parameters.

WQMS Features

• Monitor temperature, DO, pH, conductivity, and 5 additional parameters at the same time

• High quality, rugged sensors

• Battery powered for remote locations

• User-friendly Windows™ and Windows CE-based PDA software included

• Four sample modes: timed, 10 times per second, logarithmic, and exception composite samples

• Both USB and serial communication ports

• Rugged, lockable, weather resistant enclosure

Water Quality Management System Datalogger

Accessories

Order No.	Description
FQ0500	Modem Package
FVE000	Wireless Communication System Client/Server Kit
DFJ000	Turbidity Sensor, 25 ft cable
DE0000	Redox/ORP Sensor, 25 ft cable
AIB025	Water Level Sensor, 15 ft range, 25 ft cable
EJ0000	Rain Gauge 6 inch
EK0000	Rain Gauge 8 inch
FN0000	Smart Charger
FH0000	Solar Panel (5 watt)

Water Quality Management System Sensors

see sensor summary on next page

WQMS
> globalw.com/products/wqms.html

Water Quality
Sensor Summary

Sensors

Features	WQ101 1	WQ201 2	WQ-Cond 3	WQ401 4	WQ-FDO 5	WQ730 6	WQ750 7
4–20 mA output	●	●	●	●	●	●	●
Fully encapsulated electronics	●	●	●	●	●		
Marine grade cable with strain relief	●	●	●	●	●	●	
Stainless steel housing (guard sold separately)		●		●	●	●	●
Replaceable element		●		●	●		
Uses optical technology					●	●	●
1 year warranty	●	●	●		●	●	●

Introduction to Water Quality Monitoring

Water quality is degraded when pollutants cause conditions to exceed an aquatic system's ability to balance the changes. Two major categories are: 'point source' pollutants from specific sources such as industrial pipes and 'diffuse land-based non-point source' pollutants carried to water bodies by runoff.

To identify, control, and remediate pollutants, water quality monitoring can occur continually at fixed sites to characterize waters and identify changes over time; at select sites on an as-needed basis to identify specific conditions; on a temporary basis to identify emerging problems; at random sites to gather information for broad programs; or in emergencies to respond to spills. Increasingly, monitoring is aimed at determining the condition of entire watersheds to address the impact of non-point source pollutants.

Collected and shared data informs pollution control and remediation plans, especially for watershed-wide decision-making. The EPA's STORET is one of the largest online systems for ambient water quality data. Various entities collect and enter data into the database, where raw data can be accessed. The EPA is currently updating STORET to address developing technologies and provide more flexibility for online users working with the data.

WQ101
> globalw.com/products/wq101.html

WQ201
> globalw.com/products/wq201.html

WQ-Cond
> globalw.com/products/WQ-Cond.html

WQ401
> globalw.com/products/WQ401.html

WQ-FDO
> globalw.com/products/fdo.html

WQ730
> globalw.com/products/turbidity.html

WQ750
> globalw.com/products/wq750.html

Water Quality
Single-Parameter Dataloggers

WQL–pH Datalogger and WQL–Conductivity Datalogger

Meet your long-term continuous pH and conductivity measurement requirements with these dataloggers. Each datalogger is unique to its parameter. Applications are characterized by the need for a large quantity of reliable data measurements at multiple measuring locations which are difficult to access— i.e. watersheds, rivers, lakes, dredging, mining,boreholes, and landfill runoff.

Features
• Intelligent energy management for longer battery lifetime
• Up to 600,000 data records
• USB connection for fast data transfer to PC
• Replaceable pH electrode
• User-friendly software interface
• Four electrode conductivity sensor for more measurement reliability (WQL–pH only)

WQL-pH Datalogger
> globalw.com/products/wqlph.html

WQL-Conductivity Datalogger
> globalw.com/products/wqlcond.html

Water Quality
Handheld Meter Summary

pH3210

pH
pH 3110-3210
- Rugged for field use, but accurate enough for the lab
- Meets IP66/67 standards (waterproof & submersible)
- Sealed silicone keypad allows for real button response and easy cleaning
- Manually stores 200 datasets (pH3210)
- pH meter kit includes everything in convenient carry case
- Continuous calibration monitoring (pH 3210)

pH 1970i
- Accurate and field-friendly
- Meets IP67 standards (waterproof) and will float
- Convenient carrying handle doubles as a meter stand for bench top use
- 800 data point memory

Conductivity
Cond 3110-3210
- Rugged for field use, but accurate enough for the lab
- Meets IP66/67 standards (waterproof & submersible)
- Sealed silicone keypad allows for real button response and easy cleaning
- Manually stores 200 datasets (Cond3210)
- Easy to use interface
- Wide range of applications
- Accurate and reliable TetraCon® conductivity probe

COND 1970i
- Accurate and field-friendly
- Meets IP66/67 standards (waterproof & submersible) and will float
- Large easy to read display
- Long lasting rechargeable NiMH batteries
- 800 data point memory

VARIO 2X00
- Compact (pen-style meter), accurate and easy to use
- Innovative touch screen interface
- Stands up to the harsh demands of field use

cond3210

Oxi3210

Dissolved Oxygen
Oxi 3205-3210
- Sealed silicone keypad allows for real button response and easy cleaning
- No memory function or manual input facilities (Oxi 3205)
- Manually stores 200 datasets (Oxi 3210)
- Robust shock and water resistant design
- Easy to use interface
- Wide range of applications
- Accurate and reliable TetraCon® conductivity probe

Oxi 1970i
- Waterproof rubberized housing
- Accurate and field-friendly
- Meets IP67 standards (waterproof) and will float
- Convenient carrying handle doubles as a meter stand for bench top use
- 800 data point built in memory

Turbidity
WQ770-b
- In situ turbidity measurement
- Portable unit with completely submersible sensor
- Simple and convenient to use
- Factory calibrated for immediate long-term use
- Marine grade cable with strain relief
- Rugged stainless steel and Delrin® sensor housing
- Removable light and debris shield

Turb 430
- Easy to use functionality
- 3 point calibration
- Meets ISO 7027/EPA 180.1 for Turbidity Meters
- Highly precise and accurate at low levels
- Lab accuracy & comfort in a portable field instrument
- Supports multiple languages

WQ770

Water Quality
Handheld Multiparameter Summary

Multi 3400

Multi 3400i
Multi-parameter meter for monitoring pH, dissolved oxygen, and conductivity. Includes an energy saving feature to avoid unnecessary battery depletion and auto-recognize sensor capability.

Features
• Robust and field ready
• Meets IP66 requirements (waterproof)
• Up to 3 parameters can be measured at the same time
• Long life, rechargeable batteries • Up to 2500 hours continuous operation

Multi 3410
Digital multiparameter meters for monitoring pH, dissolved oxygen, and conductivity. Choose between a single, dual, or triple channel meter. Electrodes connect in any combination. Intelligent digital sensor technology allows for meter to auto recognize sensors and show appropriate display and calibration history.

Features
• Unique smart single parameter sensors
• IDS Sensor Technology contributes to precise measurement readings
• High resolution color display
• Convenient data transfer via USB port
• 10,000 data set memory

Multi 1970i
Portable multiparameter meters designed for multitasking to make your job quicker and easier. Allows for simultaneous connection of pH, conductivity and oxygen sensors. With its recorder output, real-time clock and 500 data file data logger standard, these rugged meters conform to all GLP requirements. The intuitive user interface makes it easy for the meter to measure a parameter and store in its memory.
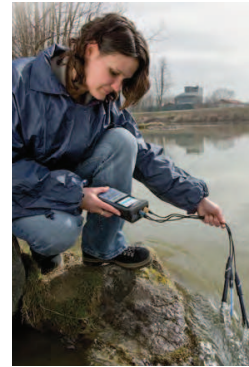
Features
• Robust and field ready
• Meets IP66/67 standards (waterproof & submersible)
• Up to 3 parameters can be measured at the same time
• Long life and powerful NiMH rechargeable batteries Up to 600 hours continuous operation
• Equipped with carrying/support handle and carrying strap for easy transport

Multi 1970i

Professional Plus

Quatro Cable
The multiparameter Quatro cable allows the measurement of temperature, conductivity, salinity, dissolved oxygen and any two ISEs -pH, ORP, ammonium, nitrate or chloride.

Multi 3500i
Multiparameter meter for monitoring pH, mV, oxygen, conductivity and ISE. Rugged design to stand up against your daily field monitoring needs while maintaining accuracy and ease of use.

Features
• Bright backlit screen displays 3 parameters at once
• Works with the MPP 350 multi-parameter probe
• 1,800 data set memory and real-time clock support GLP
• Built in NiMH rechargeable *Up to 500 hours of continuous operation

Professional Plus
The Professional Plus accomodates any combination of Pro Series sensor (parameter) and cable (parameter combination & length). This compact handheld includes simple calibrations, detailed GLP data, screen-specific Help instructions, auto-buffer recognition, mil-spec connectors, re-cal prompts, auto-stable indicators, and security passwords to help make your job easier in the field or lab. A true professional instrument for the water professional.

Features
• Case meets IP67 requirements (waterproof) and floats
• Drop-test 1 meter at all angles
• 5,000 data sets in manual mode; up to 50,000 in continuous mode (dependant on # of parameters)
• Data Manager software included for GLP data
• Powered by USB connection

Accessories

Order No.	Description	Order No.	Description
DID400	Quatro Cable Flow Cell	DID415	Belt Clip
DID420	Tripod	DID430	Cable Management Kit
DID435	Weight, Sensor/Cable, 24 oz., 3"	063020	Weight, Sensor/Cable, 51 oz., 6"
DID405	Carrying Case, Soft-Sided	063020	Weight, Sensor/Cable, 51 oz., 6"
DID410	Carrying Case, Hard-Sided	603070	Shoulder Strap

Water Quality
EcoSense

Parameters for
pH10A, ORP15A &
EC30A include:
Temperature
pH
ORP
Conductivity
Salinity
TDS

**Pen Meter
Parameters include:**
Conductivity
(EC500 only)
Fluoride (FL700 only)
Chlorine (CL200 only)
Dissolved Oxygen
(DO600 only)

**pH100A
DO200A
EC300A**

**pH10A
ORP15A
EC30A**

Pen (Pocket) Meters
The pocket meters provide a whole new level of performance in hand-held instruments. Featuring advanced microprocessor technology the meters offer automatic calibration and options such as automatic endpoint, and BNC electrode connection. Sealed compo-nents and casing are waterproof, and enable the tester to float when dropped in water. The pocket meters offer replaceable electrode sensors.

CL200

pH100A
The pH100A is an economically priced, reliable instrument for the measurement of pH and temperature. Use with any BNC pH electrode to prevent damage in harsh applications.

DO200A
Economical, fast dissolved oxygen measurements with screw-on cap PE membranes that require low stirring. Easy calibration routine with the ability to measure in the field or in the lab.

EC300A
The EC300A measures conductivity, salinity, TDS, and temperature in a simple, compact handheld.

pH100A, DO200A & EC300A Features
• Watertight case meets IP-67 specs
• CE compliance
• Submersible waterproof cables
• Large displays
• Quick, simple calibrations
• 50 data-set memory

**Parameters for
pH100A, DO200A
& EC300A include:**
Temperature
Dissolved oxygen
BOD
pH
ORP
Conductivity
Salinity
TDS

pH10A
The pH10 is the perfect instrument for economical spot sampling of pH and temperature in applications such as wastewater and surface water. Quickly calibrate with up to 3-point auto-cal.

ORP15A
The ORP15 offers accurate, low-cost measurement of ORP (absolute and relative mV) and temperature.

EC30A
The EC30A measures conductivity, TDS, and temperature with an easy, user-replaceable electrode ensuring the instrument is always ready.

pH10A, ORP15A & EC30A Features
• Waterproof case meets IP-67 specs
• Replaceable electrode
• 50 data-set memory
• Hold feature locks stable readings on display
• Graphic display with on-screen instructions
• >200 hour battery life with indicator
• Last calibration GLP record

Photo Flex

Photometers
The pHotoFlex portable photometers are capable of performing a variety of tasks in water, and environmental monitoring. The portable photometers feature a highly robust optical system, which is optimally suited for mobile applications under changing conditions. The portable photometer's LEDs plus filters for 6 wavelengths have remarkably low power consumption and deliver accurate measuring results. The intuitive menu guidance of the pHotoFlex allows for smooth operation, even without studying the manual. Dilution functions and timer, ease work in special cases.

Features
• Bright, easy to read backlit display
• Large selection of test sets
• Stores 100 user-defined routine measurements
• User-friendly on screen guidance for easy operation

pH100A
> globalw.com/products/ph100A.html

DO200A
> globalw.com/products/do200A.html

EC300A
> globalw.com/products/ec300A.html

pH10A
> globalw.com/products/ph10A.html

ORP15A
> globalw.com/products/ORP15A.html

EC30A
> globalw.com/products/ec30A.html

EC500
> globalw.com/products/ec500.html

FL700
> globalw.com/products/fl700.html

CL200
> globalw.com/products/cl300.html

DO600
> globalw.com/products/do600.html

Photoflex
> globalw.com/products/photoflex.html

Remote Monitoring

GL500-2-1

GL500-7-2

GL500-2-1

Three channel Datalogger for data recording. Features 2 analog channels and 1 digital channel for recording data. Ability to record over 81,000 readings in four unique recording options. Windows™ compatible. Includes Windows™ Global Logger II software for easy access and storage of data.

Accessories

Order No.	Description
FB0155	Water resistant Enclosure
FQ0500	Modem Package*
AK1500	Bluetooth External Adapter

*Compatible only with GL500S-2-1 serial version.

EBI100

Waterproof temperature data logger for remote monitoring. Easy to handle and serve several applications, i.e. stream, river and lake temperature monitoring. You can measure up to 27,000 data values with a wide range of sample interval options. The data logger can be programmed by the user friendly Winlog software (included).

GL500-7-2

Multichannel Datalogger for Recording a variety of sensor signals. Features 7 analog channels and 2 digital channels for data recording. Ability to record over 40,000 readings in four unique recording options. Logger offers USB and RS-232 communication ports for easy communication with included Global Logger II software.

Accessories

Order No.	Description
FE0850	Water resistant Enclosure[1]
FL0000	Single Channel Display for Enclosure*
FQ0500	Modem Package**
FH0000	Solar Panel (5 watt)
FN0000	Smart Charger
AK1500	Bluetooth External Adapter

*One display required for each sensor.
**Uses RS-232 communication port.

EBI100

GL500-7-2
> globalw.com/products/GL500.html

GL500-2-1
> globalw.com/products/gl500-2-1.html

EB 100
> globalw.com/products/ebi100.html

Control
Autodialers for easy alarm notification.

AD200

AD200-4 / AD200-1 Voice Autodialer

Provide cost-effective notification of emergency conditions such as high water levels, equipment failures, and security breaches. Requires a land line.

Features

• Records your own voice message for each alarm input
• Calls up to eight numbers in any combination of telephones or pagers
• Sends voice message to phones or numeric code to pagers
• Easy to install and program
• Non-volatile memory protects program against power failures
• Programmable exit and entry delay
• Internal 9V battery backup (AD200-1)
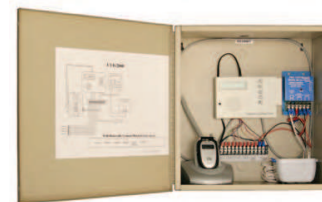• Three-year limited warranty

Accessories

Order No.	Description
01-486	Backup Power Pack for AD200-4
01-485	Extra AC Adapter
01-489	Door Switch, heavy duty magnetic
FE1000	Optional Enclosure
AD0000	Water Alarm Sensor, 25 ft cable
AQF000	Float Switch, 20 ft cable

CVD-2000

CVD-2000 Cellular Voice Autodialer USP

Perfect for Residential, Commercial or Industrial applications. Designed for direct, immediate notification of emergency situations. Can be installed anywhere, no landline required.

Features

• Alarm notification anywhere there is cell phone service
• Fast, simple installation
• No cell phone contract required
• Includes up to 400 minutes of prepaid cellular service
• Weather resistant enclosure included

Accessories

Order No.	Description
FA0300	AD200-4 autodialer, cellular phone, 400 prepaid minutes, and AC adapter
FA0350	AD200-4 autodialer, cellular phone, and AC adapter
00-010	12V 5AH rechargeable Battery
FN0000	Smart Charger Maintain vonstant battery voltage and increase battery life
FH0000	Solar Panel (5 watt)

AD200-4
> globalw.com/products/ad200.html

CVD-2000
> globalw.com/products/cvd-2000.html

Communication

RM100
Wireless Communication System

Uses powerful radio transceivers to seamlessly connect you with your remote monitoring sites. Now you can communicate with any number of remotely placed monitoring stations via a wireless communication system from the comfort of your office or vehicle.

RM100

Features
- Retrieve data from remote monitoring sites
- Works with most Global Water serial loggers
- Easy to use Global Access software included
- Portable units for drive by data collection

Accessories

Order No.	Description
01-588	Omni-directional 6dBi Antenna
01-595	Omni-directional 5dBi Mobile Antenna with Magnetic Base
01-607	Yagi Directional 9dBi Antenna
01-608	Yagi Directional 13dBi Antenna
FVX100	Solar Panel Mounting Kit
FH0000	Solar Panel (5 watt)
FN0000	Smart Charger
00-009	12V, 2.2 Ahr Battery for Datalogger

SIT65 Satellite

An easy and economical way to collect environmental data remotely. The remote satellite telemetry system uses the latest satellite and Internet technologies to bring data to your computer in near real time. The satellite internet telemetry system includes a data transmitter and a rechargeable battery enclosed in a rugged, rain proof, and lockable enclosure; a ground-to-satellite antenna; and mounting hardware.

SIT65

Features
- Remote data and control anywhere – guaranteed!
- Receive data by internet on your computer
- Near real time spreadsheet data and control
- Alarms by text to your cell phone or email
- Interface to almost any sensor
- Easy installation – just install antenna and turn it on
- Low cost/economical
- Solar, battery, or AC power

4015

4015 Converter

Provides a highly accurate interface between an SDI-12 serial communications bus and an analog measurement system. The converter can either act as a SDI-12 master by polling a sensor on a timed basis, or it can act as a "listen only" external recorder that polls the sensor. High conversion accuracy. DIN rail mountable.

4046

4046 Converter

Provides a highly capable interface to convert inputs from two analog sensors and one pulse counter to an SDI (serial data interface). The 4046 also provides internal measurements of battery voltage and ambient temperature. Programmable slopes and offsets. DIN rail mountable.

Calibration
Solutions

	Part #	Solution
pH	108800	pH 4.01 Buffer, 250 ml bottle
	108802	pH 7.00 Buffer, 250 ml bottle
	108804	pH10.00 Buffer, 250 ml bottle
	108823	Set: Includes 3 bottles with 250 ml each 4.01/7.00/10.00, and 1 bottle of 250 ml KCl solution 3
Conductivity	300580	KS 5 µS/cm, accuracy ±2% calibration standard
	300578	KS 100 µS/cm, accuracy ±3% calibration standard
	300572	Set: Includes 6 bottles with 50 ml calibration and control standard each, KCl 0.01 M/l traceable to PTB/NIST.
	302870	Set: Includes test set for checking all conductivity meters with waterproof 8-pin socket according to ISO 9000.
(Benchtop)	285126503	LF 990 147 µS/cm Conductivity Solution, 3x6 ampoules. Potassium chloride 0.001
	285126511	LF 991 1.41 mS/cm Conductivity Solution, 3x6 ampoules. Potassium chloride 0.01
	285126528	LF 992 12.9 mS/cm Conductivity Solution, 3x6 ampoules. Potassium chloride 0.1
	285126293	LF 995 1.41/12.9/112 mS/cm Conductivity Solution, 3x6 ampoules. Potassium chloride 0.01/0.1/1
Dissolved Oxygen	285138287	Zero point solution for oxygen electrodes OX 1100/OX 1100+. 60 FIOLAX® ampoules 20 ml
Turbidity	02-003	Standard, 0.0 NTU Turbidity, 1 L
All Turbidity standards EPA approved primary standard for calibration of turbidity sensors that is safe, non-toxic and disposable.	02-004	Standard, 50 NTU Turbidity, 1 L
	02-005	Standard, 100 NTU Turbidity, 1 L
	02-006	Standard, 1000 NTU Turbidity, 1 L
	02-009	Standard, 0.0 NTU Turbidity, 1 Gal
	02-010	Standard, 50 NTU Turbidity, 1 Gal
	02-011	Standard, 100 NTU Turbidity, 1 Gal
	02-012	Standard, 1000 NTU Turbidity, 1 Gal
ORP	285138373	180 mV Pt/Calomel, 220 mV Pt/Ag/AgCl 60 FIOLIX® ampoules 20 ml
	285138357	430 mV Pt/Calomel, 470 mV Pt/Ag/AgCl 60 FIOLIX® ampoules 20 ml
	285138381	600 mV Pt/Calomel, 640 mV Pt/Ag/AgCl 60 FIOLIX® ampoules 20 ml
	285138784	Set: 180, 430, 600 mV Pt/Calomel, 220, 470, 640 mV Pt/Ag/AgCl 3x 60 FIOLIX® ampoules 20 ml
	285138184	430 mV Pt/Calomel, 470 mV Pt/Ag/AgCl 1000 ml in DURAN® glass bottle
	285138168	430 mV Pt/Calomel, 470 mV Pt/Ag/AgCl 250 ml in DURAN® glass bottle