

WS300 Environmental Wastewater Sampler

Portable, rugged composite sampler



- Ideal for wastewater, industrial and environmental sampling
- Simple to operate – no programming required
- Lightweight and easy to carry
- Rugged construction for harsh environments
- Meets federal, state and local wastewater regulations
- Timed and external flow pulsed composite samples
- Adjustable and repeatable sample volume
- Peristaltic pump prevents sample contamination
- Rechargeable battery or AC powered
- Fully encapsulated electronics
- Refrigerated/cooler options available
- The easiest and most reliable method for collecting water quality samples

Description

The Global Wastewater Sampler is designed specifically to meet the sampling requirements for industrial discharges, sewers, rivers and streams. The waste water sampler takes a "time weighted" composite sample in a 2 gallon bottle, to meet wastewater sampling guidelines. The Global Wastewater Sampler is easily set up near industrial discharges or streams. It can also be suspended in a manhole for sewer sampling.

Global Water waste water samplers are enclosed in rugged, rainproof, lockable carrying containers. Inside each container is a 2-gallon polyethylene waste water sample bottle for collecting composite samples, a peristaltic sampling pump, the logic timer/controller and a rechargeable gel cell battery. Also provided is a length of sample pickup hose and a battery charger. Everything you need is provided for a successful wastewater management or environmental monitoring program.

Low Power

The internal rechargeable battery will power the sampler for several months and/or for several sampling events.

Overflow Protection

The sample bottle is equipped with a float switch which automatically turns off the sampler pump if the bottle becomes full. Be sure the electrical lead from the bottle cap is plugged into the jack on the bottom of the controller housing.

Sample Size

Sample size can be adjusted for 25 mL to 600 mL and sampling interval can be adjusted from 5 minutes to 4 hours.

Flow Proportional Sampling

An external pulse type flow meter can control sample interval for true flow proportional sampling. Global Water's Open Channel Flow Monitor has a flow-proportional output signal for triggering the WS300 water sampler.



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Specifications

Sample Size:

Composite: 25 ml to 600 ml as set by user (Two gallon composite sample maximum)

Size: 9"L X 17"W X 22"H

Weight: 22lb (Shipping Weight 24lb)

Operating Temperature: 0-70°C

Materials:

Enclosure: Expanded UV protected by PVC

Bottle: Two gallon polyethylene

Sample Tubing: Polyethylene

Sample Pump:

Flow Rate: 1000 ml per minute at 4 ft. head

Type: Peristaltic

Maximum Lift: 22'

Logic Timer/Controller: CMOS Solid State (fully potted in epoxy)

Sample Hose: One 15' nylon reinforced 1/4" ID polyethylene flexible tubing sections with intake strainer. Hose may be extended, as required, using standard 1/4" tubing and fittings.

Battery: Rechargeable 5 AH Gel Cell

Current Draw: 2A during sample, 5mA idle

Battery Life: Depends on frequency of sample times and sample size.

Includes the following parts: a rugged, rainproof, lockable carrying enclosure, two gallon polyethylene sample bottle for composite sample, one peristaltic sampling pump, a control panel enclosed logic timer/controller, one 15' nylon sample pickup hose with removable debris strainer, a 5 AH rechargeable gel cell battery, and a battery charger.



Options and Price List

WS300

Wastewater
Sampler.....\$1045



WS400

Refrigerated
Wastewater Sampler
\$1360



Portable Cooler Option

Mobile Sampler with
attached cooling unit
\$1095



Ice Bag Option

Wastewater Sampler with
internal ice bag \$1095

