



SS505 Discrete Stormwater Sampler

Rugged discrete sampler with rain gauge



- Easy to operate – no programming required
- Meets state and federal stormwater regulations
- Rugged, lightweight and easy to install
- Auto-drain rain gauge resets daily
- Battery powered for 3 months before charging
- Peristaltic pump eliminates sample contamination
- Easily secured against theft
- Fully encapsulated electronics
- Options for larger and composite samples
- Reliable and easy stormwater sampling based on rainfall and/or water level

Description

The Global Water Stormwater Sampler, SS505, is designed specifically to meet federal and state storm water sampling requirements. The Stormwater Sampler takes a discrete sample, filling the one liter sample bottle, based on rainfall and/or water level. Storm water samplers can be easily installed and set up, in any storm water channel, to take and store water samples during a storm event.

The Global Stormwater Sampler consists of a rugged, rainproof lockable carrying enclosure. Inside the enclosure is a 1.0 liter polyethylene sample bottle, a peristaltic sampling pump, a logic timer/controller, and a rechargeable 5 Ah gel cell battery. Also provided is the auto-drain rain gauge, sampler pickup hose and a battery charger. Everything you need is provided for a successful sampling program. Electronic circuits are fully encapsulated in epoxy eliminating failure due to moisture.

The Global Stormwater Sampler, SS505, also includes two water sensors. One water sensor can be used with the included auto-drain rain gauge to sample at a specified rainfall total. The other sensor can be used to start the sampler when water flow through a channel reaches a specific point or height in the channel. The storm water sampler can be configured so either or both sensors will start the sampler.

The auto-drain rain gauge drains the water in the rain gauge every 24 hrs so that sampling is based on daily rainfall.



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Specifications

Sample Size: First Flush, 1 L polyethylene bottle

Size: 7"L x 13"W x 17"H

Operating Temperature: 0-70°C

Weight: 15 lb (Shipping Weight 17 lb)

Materials:

Enclosure: Expanded UV protected PVC

Bottle: 1 Liter

Sample Hose: Polyethylene

Sample Pump:

Flow rate: 1,000 ml per minute at 4 feet head

Maximum lift: 22 feet

Type: Peristaltic

Sample Hose: 15' Nylon Reinforced 1/4" ID polyethylene flexible tubing

Water Level Sensors: Solid state with a 15' cable.

Battery: Rechargeable 12V 5AH Gel Cell

Includes the following parts: a rugged, rainproof, and lockable carrying enclosure, a 1 Liter sample bottle for a first flush sample, a peristaltic sampling pump, a control panel enclosed logic regulator, a rain sensor and a water sensor (both with 15' of cable), a rechargeable 5 AH gel cell battery and battery charger, and a 15' long sample pickup hose with removable debris strainer and, a rain gauge that automatically drains every 24 hours.



Options and Price List

SS505

Discrete Stormwater Sampler,
1 Liter.....\$1040



SMPL-LOG

Data Logging Option.....\$395

SMPL-4TD

4 Hour adjustable event time delay.....\$295

SP101

80mA Solar Panel.....\$135

FN0000

Smart Battery Charger.....\$99

RG333

Auto Drain Rain Gauge
.....\$Free with
purchase of SS505 or \$160
separately



SS101

Stormwater Sampler,
Discrete, 2.5 gallon.....\$1150



SS505 Replacement Parts:

00-010	12V 5AH Rechargeable Battery.....	\$30
FE0400	Battery Charger (120VAC to 12VDC).....	\$17
00-546	Pickup Hose.....	\$1.53/ft
CA0300	Pickup Strainer.....	\$50
00-744	Peristaltic Pump Tubing.....	\$5.25/ft
00-794	1 Liter Sampling Bottle.....	\$9
CA0400	Rain Sensor.....	\$42
CA0500	Water Sensor.....	\$42
CK0300	Float Switch.....	\$28