

Thermo Scientific™ Nalgene™ Storm Water Sampler

Mount in a variety of outfall types

- Ideal for economical quarterly first-flush, EPA-compliant storm water grab samples
- Collects a full one-liter grab sample within the first 30 minutes of a qualifying rain event

Simply position the sampler in its protective mounting tube prior to the rain event, and leave it in place until after the storm. The Sampler automatically collects the sample into the bottle and shuts off after the bottle is full, preventing dilution with later runoff. After the storm, the sampler can be retrieved at your convenience.



| Description | Catalog number | Price |
|---|-----------------------------|-------|
| Sampler bottle, HDPE, disposable for inorganic analysis | GH-99159-00 | |
| Sampler bottle, glass, disposable for organic analysis | GH-99159-02 | |
| Sampler mounting kit, reusable | GH-99159-12 | |

Scienceware® Churn Sample Splitters

Homogenize samples for subsampling

- Polyethylene vessel with polypropylene spigot
- Swing handle included for ease of transportation

Use the sample splitter to efficiently composite representative cross-section samples of water-sediment mixtures from rivers and streams. Composite samples are homogenized and then split into representative subsamples using the churn splitter. The spring-loaded spigot drains the subsamples into containers for water quality analysis.



99160-02



Churn handle homogenizes samples

| Volume (liters) | Dimensions (H x dia) | Catalog number | Price |
|-----------------|--------------------------------|-----------------------------|-------|
| 4 | 6 1/2" x 12" (17.0 x 30.0 cm) | GH-99160-00 | |
| 8 | 8 1/2" x 11" (22.0 x 28.0 cm) | GH-99160-02 | |
| 14 | 10 1/2" x 12" (27.0 x 30.0 cm) | GH-99160-04 | |

Raven Sludge Interface Detector

Quickly locate sludge blanket depth

- Audio and visual LED indicators
- Sensitivity adjustment

Portable handheld instrument that accurately determines the sludge blanket solid/liquid interface depths in primary tanks, clarifiers, sedimentation basins, and a wide variety of sludge settling tanks. The solid/liquid interface is detected when the probe is lowered into the tank. As solids density increases the meter's LED lightbars begin to illuminate and the alarm horn frequency increases.

The meter has a sensor with a 30-ft (9.1-m) cable that has 1-ft (0.3-m) incremented depth marks. The unit is powered by six AA batteries (included) and measures 8"L x 4 1/2"W x 3 1/2"D (20.3 x 11.4 x 8.9 cm).



| Description | Catalog number | Price |
|---------------------------|-----------------------------|-------|
| Sludge interface detector | GH-05956-20 | |

[GH-05956-22](#) Replacement sensor with 30-ft (9.1-m) cable

[GH-05956-24](#) Replacement sensor with 20-ft (6.1-m) cable

[GH-09376-01](#) Replacement batteries, AA. Pack of 4

Raven Settrometer

Measure rate and amount of separation in sludge samples

- Easy-to-read white calibration markings indicate percent solid and settled sludge volume

This clear plastic settlometer includes mixing paddle, snap-on lid, and instructions. Order the optional interval timer separately below to measure sludge settling rates.

| Description | Volume | Cat. no. | Price |
|-------------|--------|-----------------------------|-------|
| Settlometer | 1.4 L | GH-05476-00 | |

[GH-08648-02](#) Interval timer, 60-minute



Imhoff Settling Cone

Determine settleable materials

- Externally graduated in mL from the bottom upward

Clear styrene-acrylonitrile cone can be used with a heavy-gauge steel support rack (sold separately below). Rack holds up to three cones and measures 17 1/2"L x 5 1/2"W x 16"H (44.5 x 14.0 x 40.6 cm).



Imhoff settling cone shown with support rack

| Description | Catalog number | Price* |
|----------------------|-----------------------------|--------|
| Imhoff settling cone | GH-06340-02 | |

*Discount: Save 10% on 4 or more cones.

[GH-06340-20](#) Support rack