

Portable Composite Sampler



SCOUT III



- **Collect** composite samples in manholes or other areas remote from line power or mount on wall and use line power.
- **Comply** with NPDES and SPDES permit requirements
- **Collect** time based, flow-proportioned or discrete samples
- **Simplify** sampling procedures to avoid operator errors and missed samples

Scout III Portable Sampler

The Scout III collects composite samples in an easy-to-clean, wide mouth container housed in a weatherproof NOREL structural foam case. The case has a carry handle and hasp for use with a lock. The unit can be suspended in a manhole. A float-switch ensures that the unit shuts off when the sample container is full.



Scout III shown with optional 2 gallon sample container



The standard one gallon sample container allows room for ice packs or additional insulation if needed. Additionally, the sample container can be relocated to an external refrigerator or cooler.

The Scout III operates on either AC or DC without an auxiliary converter. (Optional DC cable required.)

The compact self-contained Scout III weighs 19 pounds with empty sample container



Scout Technical Specifications

CASE

Material: Compression-molded NOREL
Hardware: Stainless Steel with hasp suitable for padlock or seal
Dimensions: 17" high, 14" wide, 8" deep
Weight: 19 lbs (with empty sample container)

PUMP

Type: Peristaltic
Material: Polycarbonate and stainless steel
Bearings: Low-friction stainless steel ball bearings
Tubing: Silicone rubber (medical grade)
Flow rate: 1350 ML/minute at 3' head
Inlet velocity: 1.5'/second at 3' head
Lift: 20 feet
Inlet tubing: Clear vinyl with stainless steel inlet weight

SAMPLER CONTROL PROGRAMMING

Type: Solid state control
Easy to set without keypad

Controls

Samples per hour switch:

1, 2, 4, or 8 samples/hour or 1 sample every 2 or 3 hours

Function switch:

Selects sample size and purge mode (Before/After/Both)

Power switch: AC - OFF - DC

Circuit protection: 5 AMP fuse

POWER SUPPLY

Line: 115-230 VAC, 50-60 HZ

Battery: 12 VDC, 45 mA continuous, 1 A maximum

Optional internal 7 Ahr rechargeable battery

FLOWMETER CAPABILITY

Operates in conjunction with any user-provided flowmeter providing a momentary unpowered switch closure every preset number of gallons (Requires optional Proportional Cable)

SAMPLE CONTAINERS

One (1) gallon : Polyethylene (HDPE) - Two included as standard

OPTIONS:

19-080 One (1) Gallon glass sample container

15-516P 12VDC 7 Ahr rechargeable battery

15-517 Battery charger for battery

See current price list for all available options

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