



## Automatic Water Samplers

- Peristaltic sampling pump: flow rate 1Lpm at 4 ft. head
- 15 sample sizes from 15mL to 2L
- Pickup hose: 15-ft. reinforced PVC tubing, 1/4" I.D.
- Stainless steel strainer



Systems take composite and discrete samples for wastewater, industrial, and environmental applications. Size and interval controls set the individual time-weighted composite samples or full-bottle discrete grab samples. An external-trigger mode controls sampling from a water level sensor, rain sensor, or other external source (not included). Automatic 15-sec. backflush cycle clears debris from the strainer and empties water from the hose to prevent contaminating the next sample.

Dual-bottle sampler has 2 pumps and allows user to set sampling mode for each pump and bottle individually.

Description	Mr. Model	Item No.
<b>Samplers</b>		
Single Bottle Water Sampler, 2-gal.	WS700	36K444
Refrigerated Single Bottle Water Sampler, 2-gal.	WS700R	36K448
Dual Bottle Water Sampler, (2) 1-gal.	WS750	36K445
<b>Sampler Accessories</b>		
Stormwater Sampling Kit; Includes Auto-Drain Rain Gauge, Flow Sensor, Rain Sensor Rain Sensor, Flow Sensor, and Rain Gauge Sample Bottle.	WSSWK	8EPH9
Flow Probes		
Flow Probe with 2.5 to 5.5 ft. Extendable Handle	FP311	36K455
Flow Probe with 3.7 to 6 ft. Extendable Handle	FP111	36K453
Flow Probe with 5.5 to 14 ft. Extendable Handle	FP211	36K454



## Disposable Bailleurs

- For nylon twine, see page 1055
- For sample vials, see page 629

**EcoBailer**—Clear PVC models allow visual inspection of well samples. They sink rapidly without requiring additional weighting material. Longer bottom spout helps prevent silt from interfering with check ball and causing potential leakage. A custom emptying device regulates discharge flow. High-density polyethylene models are designed with a thick tube wall that is less likely to bend when handled.

**EcoBailer Pro**—Hydrodynamic design with wide spout opening for fast sink rate while minimizing dissolved oxygen in the well sample. Easy-to-handle emptying device provides more accurate control of liquid flow into the sample bottle. Pour spout and ball retainer allow easy pouring from top of bailer.



9MFC5

Cap.	Dia.	L	Item No.	Pkg. Qty.
<b>EcoBailer Clear PVC</b>				
67 mL	7/16 in	12 in	9EW22	48
199 mL	7/16 in	36 in	8UTV6	24
347 mL	1 1/2 in	12 in	9MFC5	48
1,027 mL	1 1/2 in	36 in	8D591	24
1,365 mL	1 1/2 in	48 in	8DA80	24
5,100 mL	3 3/16 in	36 in	9MFD0	8
<b>EcoBailer Clear PVC, Weighted</b>				
1,027 mL	1 1/2 in	36 in	8DA81	24
1,365 mL	1 1/2 in	48 in	9NRJ9	24
<b>EcoBailer High-Density Polyethylene</b>				
347 mL	1 1/2 in	12 in	9KEY8	48
513 mL	1 1/2 in	18 in	9LGC2	48
1,027 mL	1 1/2 in	36 in	8D590	24
<b>EcoBailer High-Density Polyethylene, Weighted</b>				
513 mL	1 1/2 in	18 in	9R130	48
<b>EcoBailer Polyethylene, Weighted</b>				
1,027 mL	1 1/2 in	36 in	9EWY9	24
<b>EcoBailer Pro Clear PVC</b>				
1,027 mL	1 1/2 in	36 in	36C774	24
1,365 mL	1 1/2 in	48 in	36C775	24
<b>EcoBailer Pro Clear PVC, Weighted</b>				
1,027 mL	1 1/2 in	36 in	36C776	24
1,365 mL	1 1/2 in	48 in	36C777	24
<b>EcoBailer Pro Clear PVC, Hydrocarbon Recovery</b>				
1,027 mL	1 1/2 in	36 in	36C779	24
<b>VOC Tips</b>				
Tip for EcoBailer Pro Bailers	1 1/2 in	3 in	36C778	24



9ACZ5

8C364

## Biodegradable Dye Tracers

**Dye liquids** disperse at a rapid rate and track large volumes of water, providing faster results than cakes and powders. Concentrates are most commonly used to find leaks and require measuring to add the proper amount to the flow. **Dye powders** disperse at a moderate rate and track large volumes of water, providing faster results than cakes and longer-term tracing than liquids. They require measuring to add the proper amount to the flow. **Dye tablets** disperse at a moderate rate and track small volumes of water. They require no measuring before adding to the flow. **Dye cakes and donuts** disperse at a slow-to-moderate rate and track large volumes of water over time. They are commonly used to perform long-term flow studies. Neither require measuring before adding to the flow.

Color	Detectability	Container Size	Coverage	Dissolution Time	Fluorescent	Brand	Item No.
<b>Tracer Dye Liquids</b>							
Blue	5 ppm	4 oz	100 to 200 gallons per ounce of dye	Immediate	—	Kingscote	45H153
	5 ppm	4 oz	100 to 200 gallons per ounce of dye	Immediate	Yes	Kingscote	45H151
	5 ppm	4 oz	100 to 200 gallons per ounce of dye	Immediate	—	Kingscote	45H150
Red	<100 ppb	1 pt	62,500 gal (Strong Visual), 6,250 gal (Light Visual)	Immediate	Yes	Bright Dyes	8NDU0
	<100 ppb	1 gal	12,500 gal (Strong Visual), 125,000 gal (Light Visual)	Immediate	Yes	Bright Dyes	8C445
	<100 ppb	1 gal	62,500 gal (Light Visual), 6,250 gal (Strong Visual)	Immediate	Yes	Bright Dyes	8RF22
Yellow	5 ppm	4 oz	100 to 200 gallons per ounce of dye	Immediate	—	Kingscote	45H152
Yellow/Green	<100 ppb	1 pt	12,500 gal (Strong Visual), 125,000 gal (Light Visual)	Immediate	Yes	Bright Dyes	8ACL5
Orange	<100 ppb	1 pt	40,000 gal (Light Visual), 4,000 gal (Strong Visual)	Immediate	Yes	Bright Dyes	8XEX8
Blue	<100 ppb	1 gal	4 acre/ft per gallon	Immediate	—	Kingscote	9AH66
Blue	<100 ppb	1 gal	12,500 gal (Strong Visual), 125,000 gal (Light Visual)	Immediate	No	Bright Dyes	9JY17
Yellow/Green	<100 ppb	1 gal	12,500 gal (Strong Visual), 125,000 gal (Light Visual)	Immediate	Yes	Bright Dyes	8TNY0
<b>Tracer Dye Powders</b>							
Blue	<100 ppb	1 lb	120,000 gal (Strong Visual), 1,200,000 gal (Light Visual)	3 to 6 min	No	Bright Dyes	8ZE47
Orange	<100 ppb	1 lb	60,400 gal (Strong Visual), 604,000 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	9NP28
Red	<100 ppb	1 lb	60,000 gal (Strong Visual), 600,000 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	9DTY7
Yellow/Green	<100 ppb	1 lb	120,000 gal (Strong Visual), 1,200,000 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	8CV78
<b>Tracer Dye Tablets</b>							
Blue	<100 ppb	1.25 g	20 gal (Strong Visual), 200 gal (Light Visual)	3 to 6 min	No	Bright Dyes	8C444
	<100 ppb	1.25 g	20 gal (Strong Visual), 200 gal (Light Visual)	3 to 6 min	No	Bright Dyes	9CH32
	<100 ppb	1.35 g	35 gal (Strong Visual), 350 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	8UL06
Orange	<100 ppb	1.05 g	60 gal (Strong Visual), 604 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	8ACL4
	<100 ppb	1.05 g	60 gal (Strong Visual) (1 ppm), 604 gal (Light Visual) (100 ppb)	3 to 6 min	Yes	Bright Dyes	9LEP0
Yellow/Green	<100 ppb	1.35 g	60 gal (Strong Visual), 605 gal (Light Visual)	3 to 6 min	Yes	Bright Dyes	9ACZ5
<b>Tracer Dye Cakes &amp; Donuts</b>							
Yellow	<100 ppb	1.25 oz	240 gal (Strong Visual), 2,400 gal (Light Visual)	1 hr	Yes	Kingscote	8C364
Green	<100 ppb	32 oz	7,400 gal (Strong Visual), 74,000 gal (Light Visual)	3 to 5 hr	Yes	Bright Dyes	9HVA9
Red	<100 ppb	32 oz	7,400 gal (Strong Visual), 74,000 gal (Light Visual)	3 to 5 hr	Yes	Bright Dyes	8XEX3

## CONBAR Bomb Samplers

Use to extract liquid samples at specific depths from tanks, lakes, ponds, wells, etc. Composite sampler can be used to collect an average sample of a tank's contents.



3KWL9

Description	Cap.	Dia.	L	Item No.
Stainless Steel	125 mL	1 1/2 in	15 in	3KWL6
Stainless Steel	1,000 mL	2 1/2 in	22 in	3KWL9
Brass/Bronze	16 fl oz	2 1/2 in	12 in	3KWJ3



## Dippers

- Will not rust or corrode

Lightweight, durable dippers for collecting samples from streams, tanks, drums, and other hard-to-reach areas. HDPE dippers provide excellent chemical resistance—and float. Molded graduations and dual-pouring spouts to make it easier to take samples from large tanks.

Capacity	Graduation Subdivisions	Handle	Item No.
500 mL	50 mL	3 ft	3KWF6
500 mL	50 mL	6 ft	3KWF9
500 mL	50 mL	12 ft	3KWG3
1,000 mL	100 mL	6 ft	9PWR1
1,000 mL	100 mL	12 ft	9J093



3KWF6



## Drum Sampler

Draws and collects sample in one step to simplify sampling unknowns from drums and tanks. Filling ports are located above the screw-in bottle for a complete fill without trapped air. Chemical-resistant polypropylene sampler protects users from exposure to drum contents. 43 1/2" L. Complete with 125mL borosilicate glass bottle with PTFE-lined cap.



Description	Item No.
E-Z Sampler	8Z958