



WS Series Water Samplers

COMBINED COMPOSITE / DISCRETE SAMPLERS FOR A RANGE OF SAMPLING REQUIREMENTS



WS755 ▲

WS700, WS705, WS700, WS750 Samplers

Easy automatic sample collection on site or when you are away.

YSI's **WS700** single bottle and **WS750** Dual bottle samplers combine all the features you need to meet a wide variety of sampling requirements, including those for Stormwater, rivers and streams, industrial discharge, water and waste water treatment and waste water collection. The **WS705** and **WS755** models provide the exact same functionality as their counterparts, but are equipped with enhanced portability accessories, such as more ergonomic handles and durable wheels.



Sample Size control allows you to take time-weighted composite samples from 50 ml to 2 liters



Trigger inputs to control sample collection



Does composite or discrete sampling or both at the same time (WS750 & WS755)



Automatic backflush clears pickup strainer and hose



WS Series PORTABLE AUTOMATIC SAMPLERS

SPECIFICATIONS XA00149



Sampler Selection Chart	WS700	WS705	WS750	WS755
Time or Flow Weighted Sampling	•	•	•	•
Rugged Enclosure	•	•	•	•
Outputs for Data Loggers and Sensors	•	•	•	•
1 Pump	•	•		
2 Pumps			•	•
Composite OR Discrete Sampling	•	•		
Composite AND Discrete Sampling			•	•
Enhanced Portability		•		•

WS Series Specifications

Operating Temperature	0° to +70°C
Materials	Enclosure: Expanded UV protected PVC
	Bottle: 2.5 gallon Polyethylene (WS700, WS705 & WS700R), two 1 gallon Polyethylene (WS750, & WS755)
	Pickup Hose: 15' reinforced PVC 1/4" ID polyethylene flexible tubing section with intake strainer Pump Tubing: Norprene® 1/4" ID, 7/16" OD
Sample Pump	Flow Rate: 1000 ml per minute at a 4 foot head Type: Peristaltic Maximum Lift: ~20 feet
	Battery
Battery Life	WS700 & WS705: ~1 hour continuous pumping under load WS750 & WS755: ~½ hour continuous pumping under load Standby: 3 months while still retaining enough power to run the pump to capacity is required
Start Delay	16 time settings from 0 to 12 hours
Composite Interval	15 time settings from 5 min. to 12 hours plus an external trigger mode setting
Sample Size	15 composite sample sizes from 50ml to 2 liters plus a full bottle discrete setting (approximate sizes at 4 foot head)
External Trigger Input(s)	250mS minimum pulse width switch closure or 4 to 24VDC
Pulse Output(s)	5VDC one-second pulse, 1000ohm output impedance
Bottle Switch Input(s)	Switch closure input, float switch in bottle
Rain and Water Sensors	Optional moisture sensors or switch closure inputs
Internal Fuse	10A Slow-Blow
Certificates	CE Compliance
Dimensions	WS700, WS705, WS750, WS755: 22"H X 17"W X 9"D (56 x 43 x 23 cm)
Weight	WS700 & WS705: 20 lbs/9 kg (shipping weight 22 lbs/10 kg)
	WS750 & WS755: 22 lbs/10 kg (shipping weight 24 lbs/11 kg)

Included

- 15' of sampling hose
- Intake strainer for each pump
- 1 gallon polybottle for each pump (WS750, WS755)
- 2.5 Gallon Polybottle for each pump (WS700 & WS705)
- Rechargeable battery
- Portable charger

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Who's
Minding
the Planet?®



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