

WS700R Sampler

REFRIGERATED COMPOSITE/DESCRETE SAMPLER FOR A RANGE OF REQUIREMENTS



Easy automatic sample collection with refrigeration capabilities

The **WS700R** Refrigerated Wastewater Sampler gives you complete control over your water sampling process. With the water sample size control, you can take individual time-weighted samples or full bottle discrete samples in a 2-gallon sample bottle.

The water sample interval control allows you to set the time between individual refrigerated composite samples, or enable the external trigger mode for flow proportional sampling.



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



Trigger inputs to control sample collection



Cooling unit can be plugged into a battery unit or external source.



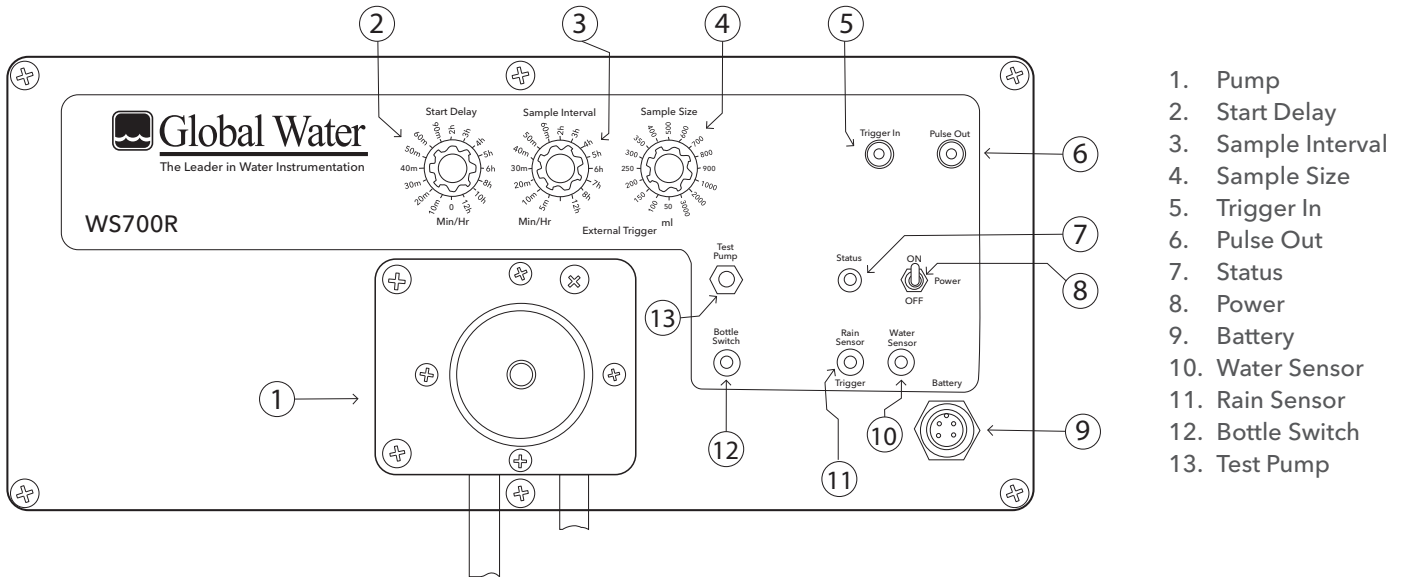
Automatic backflush clears pickup strainer and hose



a xylem brand

WS700R REFRIGERATED AUTOMATIC SAMPLER

SPECIFICATIONS XA00149



1. Pump
2. Start Delay
3. Sample Interval
4. Sample Size
5. Trigger In
6. Pulse Out
7. Status
8. Power
9. Battery
10. Water Sensor
11. Rain Sensor
12. Bottle Switch
13. Test Pump



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
Sample Pump	Pump Tubing: Norprene® 1/4" ID, 7/16" OD
	Flow Rate: 1000 ml per minute at a 4 foot head Type: Peristaltic Maximum Lift: ~20 feet
Battery	Rechargeable 5 AH Gel Cell
Battery Life	~1 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	26.25" H X 20.5" W X 21.25" D (10 x 8 x 8.5 cm)
Weight	38 lbs/17 kg (shipping weight 43 lbs/19.5 kg)

Included

- 15' of sampling hose
- Intake strainer for each pump
- 2.5 Gallon Polybottle for each pump (WS700 & WS705)
- Rechargeable battery
- Portable charger

Accessories

- Storm Water Kit
- Quick Release Pump Head
- AC-Powered Battery option for continuous usage

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Who's
Minding
the Planet?®



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