



Plastic Water Sampler PWS

Niskin-Type oceanographic general purpose water sampler



ABOUT

The Plastic Water Sampler PWS features all plastic (PVC) design, consisting of a tube with two lids connected by a latex rubber tubing. The lids are kept open during descent, caring for a fair flushing of the sampling tube. The sampling tube is completely metal-free.

The PWS on the one hand is the standard oceanographic sampler to be used on Multi Water Sampler/ Rosette/Carousel arrays and on the other hand it can be used as single or series instrument connected to a hydrographic wire.

When used on a wire, a messenger, dropped down the wire from the surface, releases the end stoppers for closure. For the use of several PWS in a row a second messenger below the first sampler is used to actuate a series of samplers along the wire.

When operated as a single instrument without bottom weight, we recommend to use a Centered Mounting Rack (436 380 ... 436 395) which cares for a vertical position of the sampler. Retrieve the water sample via the discharge cock/tube at the lower end of the sampler.

TECHNICAL DATA

Material	Plastic parts: PVC Rubber cord: Natural latex Sealings: NBR				
		A	B	C	D
Dimensions	1.7 l	165	140	590	90
	2.5 l	165	140	765	90
	5 l	185	210	640	140
	10 l	185	210	1040	140
	30 l	280	290	1210	225
Weight	1.7 l: 3 kg				
	2.5 l : 3.5 kg				
	5 l: 4 kg				
	10 l: 5.5 kg				
	30 l: 15 kg				

ORDERING INFORMATION

Products	
436 300	Plastic Water Sampler PWS, capacity 1.7 litre, incl. messenger
436 302	Plastic Water Sampler PWS, capacity 2.5 litres, incl. messenger
436 305	Plastic Water Sampler PWS, capacity 5.0 litres, incl. messenger
436 315	Plastic Water Sampler PWS, capacity 10.0 litres, incl. messenger
436 325	Plastic Water Sampler PWS, capacity 30.0 litres, incl. messenger
Accessories	
436 380	Centered Mounting Rack for PWS and Free Flow Water Sampler 1-2.5 l
436 385	Centered Mounting Rack for PWS and Free Flow Water Sampler 5 l
436 390	Centered Mounting Rack for PWS and Free Flow Water Sampler 10 l
436 395	Centered Mounting Rack for PWS 30 l
Spare Parts	
440 000	Spare Messenger for releasing the closing mechanism, with 6 mm bore. Weight 400 g

SPECIAL VERSIONS FOR SEABIRD ROSETTES

Products	
436 300-SBE	Plastic Water Sampler PWS, capacity 1.7 litre
436 302-SBE	Plastic Water Sampler PWS, capacity 2.5 litres
436 305-SBE	Plastic Water Sampler PWS, capacity 5.0 litres
436 315-SBE	Plastic Water Sampler PWS, capacity 10.0 litres

