



HYDRO-BIOS

Smart Sampling

Datasheet Niskin / PWS 1.7 l (436 300)



Plastic Water Sampler PWS 1.7 l

Niskin-Type 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 (not incl.), 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) 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 DETAILS

| | |
|--------------------------------|--------------|
| length | 590 mm (C) |
| width | 165 mm (A) |
| height | 140 mm (B) |
| diameter | 90 mm (D) |
| sample volume | 1.7 l |
| weight on air | 3 kg (empty) |
| operational temperature | -2 to +60 °C |
| product ID | 436 300 |



CHARACTERISTICS

- metall-free
- Niskin-Type