



HYDRO-BIOS

Smart Sampling

Datasheet Free Flow 5 l /SBE (436 344-SBE)



Free Flow Water Sampler 5 l for Seabird

Free-flushing oceanographic water sampler

The Free Flow Water Sampler is an innovative design which avoids the limitations of the PWS/Niskin bottles caused by their reduced inlet and outlet diameters. The outstanding feature of the Free Flow Water Sampler is the really free-flushing construction of the sampler where no cone or ball-valve influences the water exchange inside the sampling tube.

The Free Flow Water Sampler features all plastic (PVC and POM) design, consisting of a tube with two lids connected by a latex rubber tubing. The lids are kept open during descent, caring for a perfect flushing of the sampling tube.

This version of the Free Flow Water Sampler is designed for the use with a Seabird Electronics Rosette/Carousel array.

Retrieve the water sample via the discharge cock/tube at the lower end of the sampler.

TECHNICAL DETAILS

length	700 mm (C)
width	190 mm (A)
height	210 mm (B)
diameter	140 mm (D)
sample volume	5 l
weight on air	6 kg (empty)
operational temperature	-2 to +60 °C
product ID	436 344-SBE



CHARACTERISTICS

- free-flushing construction
- innovative design