

BallastWISE Sampler

BALLAST SAMPLER FOR ORGANISMS $\geq 50\mu\text{m}$

The BallastWISE Sampler facilitates sampling and concentration of viable organisms $\geq 50\mu\text{m}$ according to the IMO D-2 standard. It connects directly to the vessels' isokinetic sample port. For indicative testing the recommended sampling volume is at least 500L at a recommended flow rate of max. 30L/min, which avoids damaging living organisms. Flow rates up to 60L/min are possible.

Specifications:

- 2m 19mm hose with 1/2" camlock for connecting to the sample port
- 2m 19mm hose with standard coupler for outflow
- Flow meter (battery operated)
- Replaceable and low-cost nylon mesh filter cartridge
- Membrane valve with 1/2" camlock male/female
- Air pump for sample transfer to a sampling bottle

Specifications:

- Sampler weight: 9,7kg
- Sampler dimensions: 66 x 28 x 22cm [h w d]
- Filter mesh size: 35 μm , 50 μm diagonal
- Filter area: 1100 cm²
- Flight case including BallastWISE Sampler weight: 21kg
- Flight case dimensions: 47 x 29 x 86 cm [h w d]



The BallastWISE Sampler flight case contains all parts for the filtration system, packed with foam separators.

BallastWISE Sampler item no 9002-01