

FILTRATION UNIT

BALLAST WATER SAMPLER, FILTRATION UNIT

The BallastWISE Filtration Unit automatically samples and concentrates 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 450 L at a recommended flow rate of max. 10 L/min, which avoids damaging living organisms.

What is included:

- 3 meter 1/2" camlock-camlock 1/2" water hose for sample output
- 1,5 meter standard hose coupler for overflow output
- 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:

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



The Filtration Unit flight case contains all parts for the filtration system, packed with foam separators and the filter is secured with a safety strap.

Filtration unit item no 9002-01