



ZOOPLANKTON COUNTING CHAMBER

Applicable for counting zooplankton through a microscope

Accurate estimations of zooplankton concentrations are important in many aquatic investigations. They allow for understanding of key processes in food webs, determining food availability to higher trophic levels and evaluating ballast water management systems for treatment efficiency.

BOGOROV COUNTING CHAMBER

A standard method for counting zooplankton is to count the samples in stereo microscope by the use of a Bogorov chamber, a transparent plate with a sinuous chamber that contains the sample. We have developed a chamber that is very suitable for counting zooplankton in the $\geq 50 \mu\text{m}$ fraction, such as when evaluating the performance of ships ballast water management systems according to IMO G8 guidelines (2008) and the US ETV protocol (2010).

The chamber is narrow to allow full coverage in the field of view at the chosen microscope magnification and is also shallow such that it allows most of the water column to be located within the focal plane. Lines are indicated on the bottom perpendicular to the sinuous chamber.



DHI zooplankton counting chamber © DHI



Zooplankton species © DHI

OUR ACCREDITATION

We have many years of experience in determining and counting zooplankton and can help you with any zooplankton assignment you may have. Our Environmental Laboratory is accredited by DANAK, the Danish Accreditation and Metrology Fund, to perform ballast water tests in accordance with ISO 17025.

BENEFITS

- Transparent zooplankton counting chamber
- Lines indicated are perpendicular to sinuous chamber
- Straight sides facilitate focusing in microscope
- Suitable for counting zooplankton in stereo microscope

FEATURES

- Zooplankton counting chamber in Plexiglas
- Volume: 30 mL
- Length of sinuous chamber: 69 cm
- Dimension: 11 × 17 cm

DHI LAB PRODUCTS

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