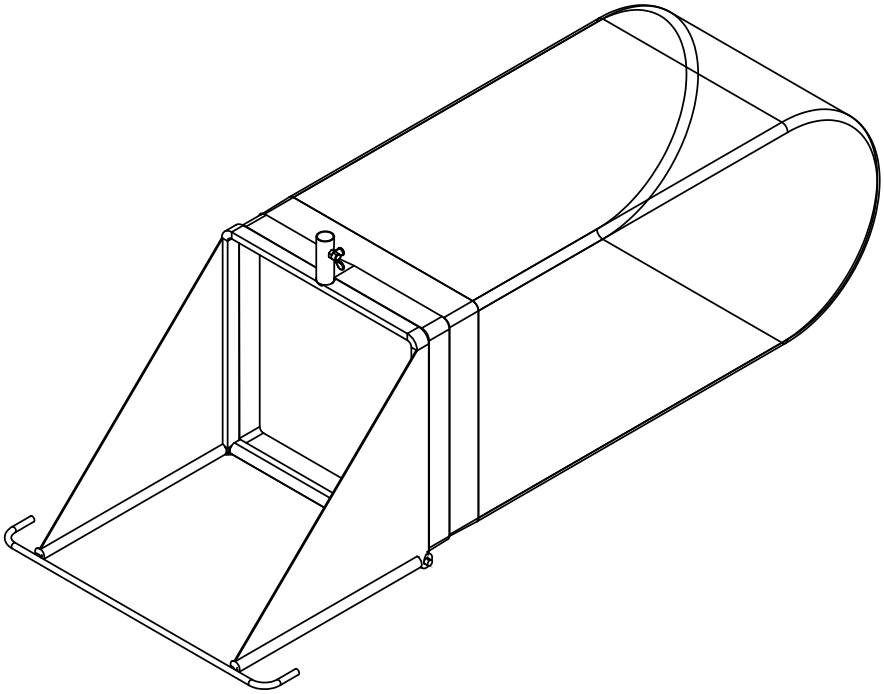


STREAM BOTTOM SAMPLER – SURBER TYPE

OPERATION MANUAL

Catalogue No. 438 650

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GENERAL DESCRIPTION

The surber sampler has been designed to gather samples of insects, larvae and other forms of aquatic life found in shallow flowing waters. In contrast to the AQEM sampler, this kick net is equipped with a down-foldable frame which defines an exact area on the ground which is to be disturbed. Ideal for water depth of 30 to 45 cm.

The sampler assembly consists of Nylon net supported by a solid stainless steel folding frame, equipped with a handle joint with receiving inner diameter of 20 mm to fix a telescopic rod.

A zip fastener at the net bag allows for fast dismounting for cleaning.

TECHNICAL DATA

Length:	70 cm
Net opening:	32 x 32 cm
Material of frame:	stainless steel
Material of net bag:	MOnyl
Standard mesh size:	500 µm

DEPLOYMENT

Place the surber sampler on the selected spot with the opening of the nylon net facing upstream.

Brace bottom frame and hold it firmly on the bottom.

Lift larger rocks resting within the bottom frame and brush off crawling or attached loosely organisms so that they drift into the net. After "cleaning" the rocks, place them in a bucket.

Once the larger rocks are removed, disturb the substrate inside the sampling area (limited by the bottom frame) vigorously with a trowel or large spike. This disturbance should extend to a depth of about 10 cm to loosen organisms in the interstitial spaces, washing them into the net.

Lift surber sampler out of the water: Tilt the net up and out of the water while keeping the open end upstream. This helps to wash the organisms into the net.

Empty contents of surber sampler into a large bucket. Rinse the surber sampler and empty into bucket until all animals are removed. A magnifying glass and tweezers can be helpful to remove adherent organisms from net bag and rocks.