

Handheld Bedload Sampler

SEDIMENT SAMPLING

General Description

HyQuest Solutions' bed load sampler BLSH is an **easy-to-use hand-held sampler** for measuring and analysing coarse sand, silt, gravel, rock or other insoluble materials carried by a stream on or immediately above its bed.

The bed load samplers are designed for use in natural streams to **determine rate of sediment concentration relative to flow**.

Samples are collected in a **polyester mono filament bag** of 0.2 mesh to A.S.T.M. speci-

fications for uniformity, resistance abrasion and wear. It will not absorb water. A bag clamp secures the bag to the aluminium body.

The BLSH is supplied with wading rods (1 m) for lowering and holding the sampler in the stream or river. The rods are fitted with plastic handles at the top end for easier grip. With the inside threads more sections (0.5 m) can be screwed together to lengthen the rod if needed.



HyQuest Solutions' Sediment Sampling Product Portfolio

You can choose from a vast selection of manually or winch-deployed depth-integrating sediment samplers, bedload samplers, rising stage samplers, and their accessories. HyQuest Solutions samplers are based on designs developed by the United States Federal Inter-Agency Sedimentation Project. Please contact us for advice!

Technical Specifications

Type	Handheld bed load sampler
Orifice	76 mm x 76 mm
Expansion Ratio	3.22 (exit area to entrance area)
Body	Epoxy coated cast aluminium
Packed Dimensions	<ul style="list-style-type: none">■ Size: 60 x 30 x 30 cm■ Volume: 0,03 m³■ Weight: 3 kg
Scope of Delivery	<ul style="list-style-type: none">■ Sampler■ 1 m wading rod (2 sections of 0.5 m), stainless steel (additional sections of 0.5 m available on request)■ 2 sample bags (see below)■ Canvas carry bag■ Manual available online from hyquestsolutions.com

Accessories



Sample Bag SB-01: Polyester mono filament bag of 0.2 mm mesh, will not absorb water, conforms

to A.S.T.M. specifications for uniformity, resistance abrasion and wear

Please ask for details.

HyQuest Solutions Australia

✉ sales@hyquestsolutions.com.au

🌐 www.hyquestsolutions.com

HyQuest Solutions New Zealand

✉ sales@hyquestsolutions.co.nz

🌐 www.hyquestsolutions.com

HyQuest Solutions Europe

✉ info@hyquestsolutions.eu

🌐 www.hyquestsolutions.eu

