BSL Water Sampling – Rosette (6)

General Specifications



- Multiple samples in one deployment
- Depth rated to 3000m
- Stainless Steel Construction
- Mounting point for multiparameter probes (CTD)
- Autonomous timer, depth or manual trigger

Services

BSL possess a Rosette sampler capable of holding up to 6 x 5L or 10L Niskin bottles for deployment in up to 3000m water depth. There are a number of options for triggering the water samplers and BSL recommend the following options:

- Automatic trigger at a predetermined depth (pressure), six depths can be uploaded to the unit before sending on its mission, at each depth the unit will trigger one (or more) Niskin bottles. This deployment method requires only a rope.

- Manual triggering from the vessel using the dual deployment/control cable (requires 2 x dedicated conductors). Note: Rosette sampler depth will need to be assessed using USBL positioning beacon on the Rosette frame/cable or a CTD profiler.

- Pre-set timed triggering. The Rosette sampler can be set to trigger Niskin bottles at pre-set times, giving sufficient time for deployment to the required water depths. This allows deployments using only a rope. Note: Rosette sampler depth will need to be assessed using USBL positioning beacon on Rosette frame/cable or a CTD profiler.



Specifics

Item	Value
Shipping weight	KG
Shipping dimensions (L,W,H)	1200 x 1000 x 1400mm
Number of Bottles	6
Sample size	5 or 10L
Depth Rating	3000m

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