

General Oceanics – *Water Sampling*

Model 1018 Mini-Rosette Sampling System

This small-volume compact system can be used on a conducting cable or pre-programmed to trip based on time, temperature, pressure or other sensors using our rechargeable battery pack. Its compact size allows operation from a small boat without special handling equipment.

Sample bottle sizes offered are:

500mL (x12 or x24), 1.2L, 1.7L, 2.5L (x12 or x6) & 5L (x6 only).

The portable water sampler can also be deployed in conjunction with our larger size 1018 Intelligent Rosette to take micro scale profile samples.

The 1018 Mini is rated for full ocean depth. A lightweight version of the 1018 is also available for shallow depth profiling in rivers or estuaries (1900m max.). Order Series MLW1812xxx.

Sampling is regulated by our new logic controlled trigger mechanism. This allows actuation of random sampling, logging of when each sample is taken and attachment of external sensors.

The samplers are PVC Niskin or Go-Flo style. The bottles are sold as part of the system and cannot be used independently. They can be easily mounted and dismounted.

Standard Features:

- Standard 1018 (Autonomous) Integral Rechargeable battery
- Bottles Included
- RoseSoft operating software
- Compatible with Idronaut and SBE9 CTDs
- Flag Pulse to CTD A/D input
- Programmable Timed Operations

Options:

- Deck Unit Communication for conducting sea cable
- Pressure (Depth) activated bottle closing
- Brackets for CTD, battery pack, fluorometer and PAR sensors



Please contact us for special requirements.
Technical data subject to change without notice.

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