



**GENERAL
OCEANICS**

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MODEL 1018 MINI/LIGHTWEIGHT ROSETTE SAMPLING SYSTEMS



Mini rosette with Go-flo bottles



Lightweight rosette with Niskin bottles

This small-volume compact system can be used on a conducting cable or pre-programmed to trip based on time or pressure using our rechargeable battery pack. Its compact size allows operation from a small boat. Sample bottle sizes offered are 500 mL (12 or 24 pos), 1.2L, 1.7L, 2.5L and 5L (6 pos only). The 1018 Mini is rated for full ocean depth. Order Series M1018xxxx. A lightweight version of the 1018 is also available for shallow depth profiling in rivers or estuaries (1900M max). Order Series MLW1812xx.

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

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 dismantled.

Standard features include:

- Integral Rechargeable Battery
- Sampling bottles (Niskin or Go-flo)
- RoseSoft operating software
- Compatible with Idronaut CTDs
- Flag pulse to CTD A/D input
- Programmable Timed/pressure operation

Available options:

- 316DUP-19 Deck unit communication for conducting sea cable
- Pressure activated bottle closing
- Brackets for CTD, battery pack, fluorometer and PAR sensor
- Turbidity sensor (plugged directly into CTD)

For special requirements please e-mail sales@generaloceanics.com.

Technical data subject to change without notice.