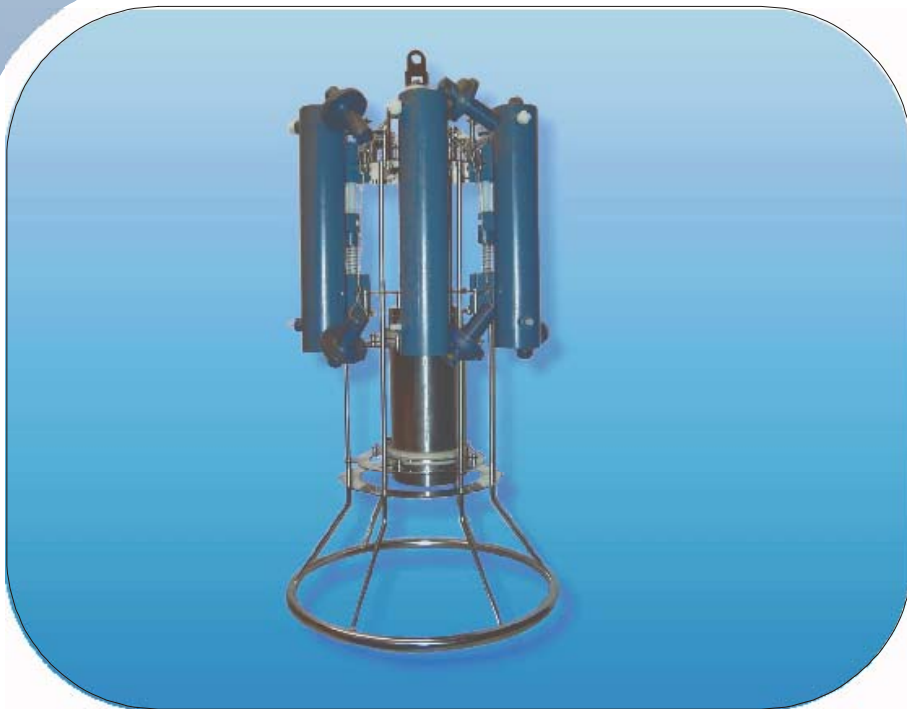


Model 606+ with Water Bottle Sampler

Application Note



The Model 606+ Multiparameter CTD can be fitted with a water bottle sampler system and up to 12 bottles

● FEATURES

- Pressure balanced trigger
- Up to 12 bottles
- Released on demand or at programmed intervals
- Instrument logs release points
- No external power required
- Suitable for long term deployments or profiles

● DESCRIPTION

The Model 606+ is a powerful multiparameter logger, but as well as the array of optional additional sensors that can be fitted, it can also be supplied with a water bottle trigger system.

The water sampling system consists of 4 main components, in addition to the Model 606+ itself:

- Sample Bottles, up to 12 of either 1.7litre or 2.5litre
- Trigger mechanism, motor driven and pressure balanced for deep water operations
- Deployment frame, which holds all sample bottles, the trigger mechanism and the Model 606+
- Interface circuit, fitted inside the Model 606+

Samples are triggered by the Model 606+, either by a programmed release interval (time or pressure), or by manual command given through the DataLog 400 Windows based PC software supplied.

When triggered, the motor rotates through a release mechanism, causing the sample to be taken. At the same time, the Model 606+ records the event as it would any parameter in its sensor suite. Precise control of the motor position is maintained through the use of optical switches, ensuring that samples are not triggered prematurely.

The Model 606+ is available in a 5000m titanium housing (illustrated) or in a 500m plastic version. The motor trigger system is pressure balanced for operation at similar depths.

Diameter: 98cm (12 bottles)
58cm (6 bottles)

Height: 112cm

Weight: 40kg (approx)

VALEPORT