



## 12.07 Kemmerer water sampler



The Kemmerer water sampler (vertical water bottle) is used for general water sampling in lakes, channels, wells and the sea. This sampler consists entirely out of plastic parts so that there is no risk of the sample coming into contact with metal. The transparent acrylic bottle body allows viewing your sample before removal. A thermometer can be mounted inside acrylic Kemmerer bottles. The standard Kemmerer water sampler holds 1.2 litre.

### Applications

- Water sampling in lakes, channels, wells and seas.
- Designed for trace metal sampling due to silicone seals. Also may be used for organic sampling to concentrations of mg/L. When running metal, organic, or any other chemical analyses, it is best to run a blank on the sampler prior to use. Not suitable for chemical sampling for micro-parameters (use the Van Dorn water sampler for this kind of analysis).

### Advantages

- Bottle is made from transparent acrylic.
- The sample does not come into contact with metal parts.
- There are no constrictions at the top or bottom so that there is minimal vertical contamination.
- Complete with drop-weight, 30 metre polyester rope and transport case.
- The CTD Diver can be used to monitor temperatures, vertical water depth and, if required, conductivity.

**All it takes for environmental research**

