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## Operating Instructions

### LIMNOS Water Sampler (Cat. No. 436 140)

In order to lower the apparatus into the water, a steel or Nylon rope of 2-3 mm dia. is needed. The loop of the rope is fastened by means of a wing screw and must not jut out of the release tube.

The water inlet tubings and the air outlet tubings are bent and held in place by the release bar (fig. 2).

In this closed configuration the LIMNOS Water Sampler is lowered into the water in order to prevent sample contamination by surface water.

Upon reaching the desired water depth (max. 30 meters), the messenger is dropped down the rope. When the messenger hits the release tube, the silicone tubings spring up to allow water to move in and the air to leave the bottle.

Before analysis of the sample is carried out in the laboratory, the glass bottles are removed from the holder device and capped tightly with the screw caps.

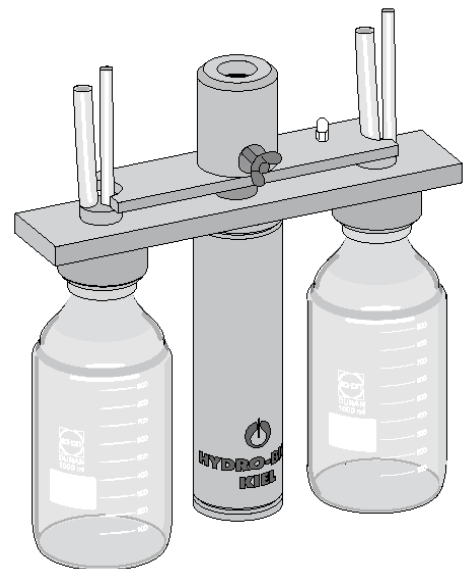


Fig. 1

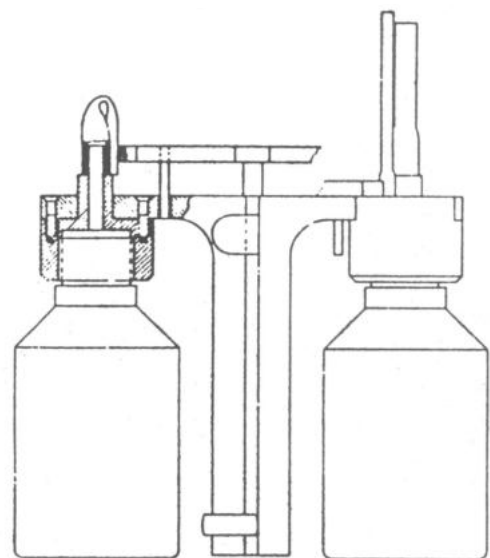


Fig. 2