



This is a lightweight sampler for collection of suspended-sediment samples where wading rod sampler suspension is used. The sampler consists of a streamlined aluminum casting, 13 inches (33 cm) long, which partially encloses a pint (0.47 liter) sample container (sold separately). The sampler weights 4.5 pounds (2 kg) including sample container. A standard 1/2 inch (1.27 cm) wading rod is threaded into the top of the sampler body for suspending the sampler.

The wading rods come in 1 ft, 3ft. and 1.2m long sections and are sold separately. Extensions are available also. The wading sampler is supplied with one 1/4 inch (0.635 cm) yellow color coded, calibrated, nylon nozzle. The sampler can be supplied with a special epoxy coating for chemical and trace metal sampling applications. In the sampling operation, the intake nozzle is orientated into the current and held in a horizontal position while the sample is lowered at a uniform rate from the water surface to the bottom of the stream, instantly reversed, and then raised again to the water surface at a uniform rate. The sampler continues to take its sample throughout the time of submergence.



This sampler is used in shallow streams when the product of the depth (in feet) and velocity (in feet/sec) does not exceed approx. 10. This sampler is used with wading rod suspension.

Virtual
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**** Drawing / specifications are subjected to change at any time without prior notice as per manufacturing suitability.**

Represented by: