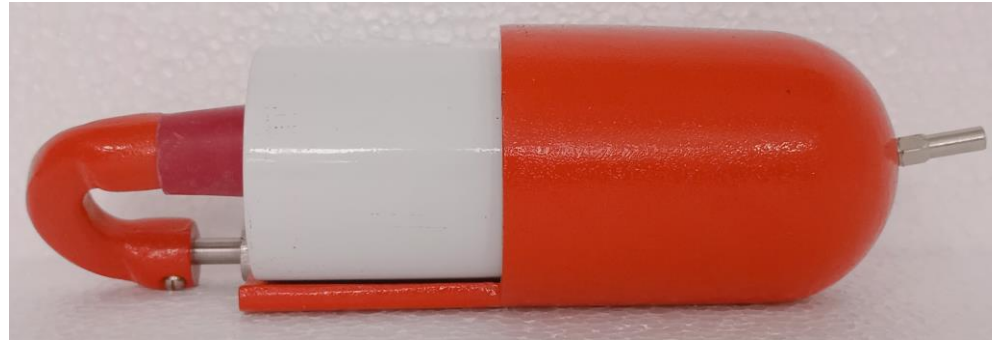


Depth-Integrating Suspended- Sediment Sampler Model USDH-48

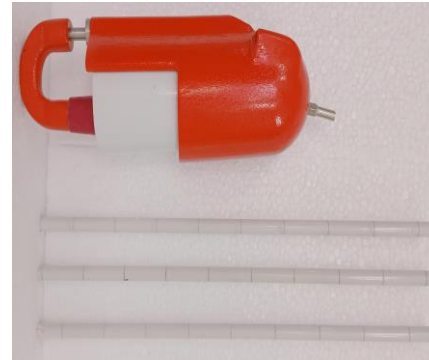


This is a lightweight sampler for collection of suspended-sediment samples where wading rod sampler suspension is used. The sampler consists of a streamlined aluminum casting, 13 inches (33 cm) long, which partially encloses a pint (0.47 liter) sample container (sold separately). The sampler weights 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.



Depth-Integrating Suspended- Sediment Sampler Model USDH-48



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 wadding rod suspension.

DUQE Square Business Centre, Quarter
Deck, Queen Elizabeth 2, Mina Rashid,
Dubai (United Arab Emirates)

Tel. +971-525829733

E-mail: sales@instrumex.ae

Represented by

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

