

SoniDens

In-situ density of fluid mud



SoniDens

The SoniDens is an accurate piece of equipment for the measurement of the in-situ density of fluid mud (unconsolidated sediment).

The SoniDens is able to delineate mud layer thicknesses and determine the density of each fluid mud layer. The SoniDens includes a density profiling tool, data cables, dedicated software, data transformation hardware and transport case. A laptop or PC is required for instantaneous visualisation of the data and data storage.

The SoniDens is very light-weight, which makes it easy to handle. Deployment of the SoniDens can be done from a vessel which has a small deck crane and small winch. The standard data cable length is 25 meter, but can be extended to increase the measuring depth.

Tidal, echosounder and GPS data (if available) from the vessel will be simultaneously read, included and presented for absolute depth values. The software runs on Windows 7.

Specifications

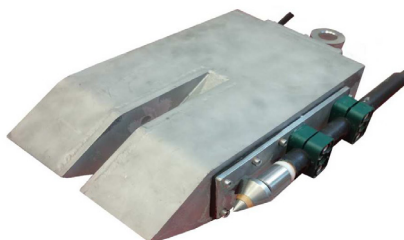
SoniDens

Weight: 19kg
Dimensions: L x W x H =
44cm x 26cm x 8cm

Auxiliary equipment

Transport case (incl. cables, and hardware)

Weight: 26kg
Dimensions: L x W x H 50cm x
30cm x 100cm
25 meter data cable (total diameter
2cm, 3 cables)



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