



CoMeD

Conductivity Measuring Device

The determination of the electrical conductivity is one of the basic methods of hydrochemistry. *CoMeD* manages this task up to a water depth of 80 m. The integrated temperature measurement guarantees the plausibility of the values.

Technical data

CoMeD is composed of a precise conductivity meter, a measuring probe and a high quality underwater housing. The measuring arrangement comes ready-to-use and tested to 9 bar.

Measuring device

Ahlborn Almemo[®] 2590

- Multimeter with data logger function

Measuring probe

Ahlborn conductivity probe FYA641LFP3

- Measuring range: 0...200 mS/cm
- Temperature sensor: NTC, Type N (10 k at 25°C)
- Accuracy: 1 mS/cm \pm 1,5% of value
- Nominal temperature: 25°C \pm 3°C
- Operation temperature: 0 to 70°C

Underwater housing (BS Kinetics)

- Body made of carbon fiber reinforced plastic
- Impact-resistant polycarbonate window
- Operation depth: 80 m

