

Underway Conductivity-Temperature-Depth Probe (UCTD)

**Attention:**

Please note that the Underway Conductivity-Temperature-Depth Probe (UCTD) requires experienced scientific staff on board. The installation of the system can be supported by ship's crew but the system is not operated by the ship's crew.

The water resistance of the system is unfortunately limited. In case of harsh weather conditions it is recommended to deinstall the system.

Summary

The CTD probe measures conductivity and temperature along a vertical transect through the water body.

Manufacturer	OceanScience
Model	UCTD 10-400
Serial No.	n/a
Type	CTD
REGISTRY-Link	REGISTRY (1400)



Contacts

Name	Institution	Role
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Components

Data logging, storage and archiving

Logged parameters

Parameter	O2ARegistry Output Type	Unit
conductivity	conductivity	S/m
temperature	water temperature	°C

water depth	depth	dbar
salinity	salinity	PSU

Central geographical ship's position and time standard

Rawdata storage on board

Documentation

- [Underway CTD on Polarstern \(User Manual, 358 kB\)](#)
- [Underway CTD User Guide \(User Manual, 1 MB\)](#)
- [Ocean Science Underway CTD brochure \(Factsheet, 241 kB\)](#)