

# Portable Deck Unit



The **SST Portable Deck Unit IV** is the fourth generation of deck units for the workman or scientist in the field. This handy device for indoor and outdoor use in harsh environments meets the IP66 standard.

A sensors or a probe can be connected via serial lines or analogue inputs. The probes are powered by the PDU as a standard. The obtained sensor data are displayed on a back-lighted 5.7" LC-Display in various user-defined configurations, e.g. in large letters to be seen from several meters apart.

The sampled data can be stored on the internal solid-state non-volatile FLASH-disk with a capacity of 6 MB, sufficient for more than 300000 CTP-datasets including time stamps, i.e. more than 13 hours of continuous storage. (higher capacity on request)

The stainless steel metal case is suitable for field use. The internal battery has a capacity sufficient for more than 8 hours\* of continuous work (incl. backlight) in the field with a typical probe connected.

(\*) depending on the connected sensor or system

Four large keys and an easy "select and click" menu system are designed to be operated by users under field conditions.

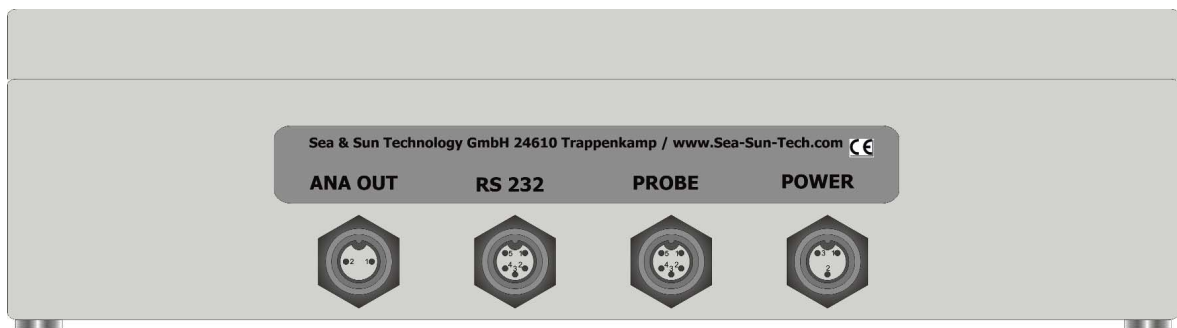
The menu system is very similar to that of the supplied SST-SDA Windows®- software package that is used to download the stored data to a PC and subsequent textual or graphical presentation of the obtained data. An export of the binary data files to readable ASCII-text files for further data handling can be configured to meet the needs of standard office software.

An (optional) analogue 4 to 20 mA current loop output can be scaled to a selectable setting for the connected sensor.

## Technical data:

Dimensions:	300 * 200 * 80 mm
Weight:	approx. 6 kg
Housing:	stainless steel
Display:	LCD 5.7", 320 x 240 pix., black on white background, CCFL back-lighted
Battery:	12Volt, 7.2 Ah, rechargeable
External charger / mains supply for 230 VAC is supplied	

## View on the connectors:



The SST Portable Deck Unit is equipped with a Lemos connector (or similar) for a multiparameter probe or a 5-pin connector for the PAH-probe or any other sensor, a 4-pin power supply and recharge connector, a 5-pin connector for serial data output and a 2-pin connector for a 4-20 mA analogue output.

The connectors are waterproof when the Dummy-caps are plugged.

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In view of our policy of continual improvement, the design and specifications of our products may vary from those illustrated in this brochure.