



Conductivity Meter CT 830

SIMULTANEOUS MEASUREMENT OF CONDUCTIVITY, SALINITY AND TEMPERATURE, CALCULATION TDS VALUE, AUTOMATIC TEMPERATURE COMPENSATION, AUTOMATIC CALIBRATION ROUTINE, DATA LOGGER FOR 4000 DATA SETS, USB INTERFACE, SOFTWARE, MIN-/MAX-VALUE MEMORY, GRAPHIC BACKLIGHTED DISPLAY.

The meter combines the features for mobile application in the field with the precision and comfort of a laboratory meter with plain text structure menu, integrated data logging system and a rugged watertight IP 65 housing. The meter is the ideal choice for determination of the conductivity, salinity and temperature. Important GLP functions such as date and time, the main measuring value, 2nd measuring value including the physical units, temperature and device number are recorded in the data file.

The set includes:

- 1x CT 830 Conductivity Meter
- 1x AT 830 C Binder, conductivity electrode
- 1x Calibration solution 0,1N/KCL 1288µs with case

Part-No.: 1340-5835 CT 830 Set

price: 700,00 €

Part-No.: 1340-5815 USB-Interface

price: 80,00 €

Available as of September 2015th.



Specifications

Measuring range

conductivity: 0...200 µS/cm; 0...2000 µS/cm;
0...20 mS/cm; 0...500 mS/cm;
automatic range;

TDS: 0...200 mg/l; 0...2000 mg/l;
0...20 g/l; 0...500 g/l;

salinity: 0...70 g/kg;

temperature: -10...+100 °C

Resolution

0.1 µS; 1 µS; 0.01 mS; 0.1 mS; 0.1 °C

Accuracy

Conductivity: ± 0,5 % of the measurement range

Temperature: ± 0.1 °C

Temperature compensation

automatic with Pt 1000
or fixed temperature

Display

graphic LCD, 128 x 64 pixel,
backlighted

Interface

USB, isolated

Ambient temperature

-10...+55 °C

Connectors

connector BK for sensor,
4-pole USB interface socket

Housing

ABS, IP 65

Dimensions

200 x 95 x 40 mm (WHD)

Weight

290 g incl. batteries
(3 x AA, IEC R6, LR6, 1.5 V)

EMC

acc. EN 61326 class B

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