

## Measuring conductivity precisely...

... with the inoLab® Cond 7110

The new inoLab® Cond 7110 is a routine conductivity measuring meter for the laboratory with a large display and functions, facilitating precise measurements.

Parameters such as salinity, specific resistance and TDS also cover the determination of non-daily measured parameters. As several special cells can be connected, the most diverse applications can be addressed.

### inoLab® Cond 7110

- Easy and intuitive operation
- Measuring range up to 1000 mS/cm
- Including stand and sensor holder

### Measuring safety

- Repeatable measuring results through automatic AutoRead function
- Calibration timer for scheduled monitoring of the conductivity measuring cells
- Precise recording of measuring data through highest quality electronics

### Easy-to-use and reliable:

- Measures conductivity, TDS and salinity
- Connecting special electrodes is possible
- Linear, non-linear (nlf) and temperature compensation can be turned-off



Parameter

Multi-parameter

pH

ORP

ISE

Dissolved Oxygen (D.O.)

Conductivity

Data logger/flow + level

BOD/Respiration

Photometers

Turbidity

Colony Counter

Software/Printers

## Technical Data

Model	inoLab® Cond 7110 all values $\pm 1$ digit	inoLab® Cond 7310 all values $\pm 1$ digit
Conductivity	0 $\mu$ S/cm ... 1000 mS/cm $\pm 0.5$ % of value	0 $\mu$ S/cm ... 1000 mS/cm $\pm 0.5$ % of value
Salinity	0.0 ... 70.0 (acc. to IOT) 0.00 ... 20 MOhm cm	0.0 ... 70.0 (acc. to IOT) 0.00 ... 20 MOhm cm
TDS	0 ... 1999 mg/l	1 ... 1999 mg/l, 0 bis 199,9 g/l
Temperature	-5.0 ... 105.0 °C $\pm 0.1$ °C (23 ... 221 °F)	-5.0 ... 105.0 °C $\pm 0.1$ °C (23 ... 221 °F)
Cell constant	0.450...0.500 cm <sup>-1</sup> , 0.09 ... 0.110 cm cm <sup>-1</sup> , 0.800 to 0.880 cm <sup>-1</sup> , 0.25 ... 2.5 cm <sup>-1</sup> , fix 0,01 cm <sup>-1</sup>	Fix 0.01 cm <sup>-1</sup> , calibration 0.450...0.500 cm <sup>-1</sup> , 0.800 to 0.880 cm <sup>-1</sup> , adjustable 0.09 ... 0.110 cm <sup>-1</sup> , 0.250 ... 25.0 cm <sup>-1</sup>
Calibration	1-point	1-point
T <sub>ref</sub>	20 °C/25 °C (68 °F/77 °F)	20 °C/25 °C (68 °F/77 °F)
Temperature compensation	nLF, linear 0.000 to 3.000 %, can be switched-off	nLF, linear 0.000 to 10.000 %, can be switched-off

## Ordering Information

inoLab® Laboratory Conductivity Meter SETs	Order No.
inoLab® Cond 7110 SET 1 Easy-to-operate basic conductivity benchtop meter for routine measurement. For AC and battery operation. Set including conductivity cell. Meter with universal power supply, stand and operation manual. Incl. 4-electrode graphite conductivity cell TetraCon® 325, 0.01 mol/l KCl conductivity standard.	1CA101
inoLab® Cond 7310 SET 1 Precise and convenient conductivity meter, menu controlled, for measurements/documentation according GLP/AQA. For AC and battery operation. Set including conductivity cell. Meter with universal power supply, stand and operation manual. Incl. 4-electrode graphite conductivity cell TetraCon® 325, 0.01 mol/l KCl conductivity standard, software and USB cable.	1CA301
inoLab® Cond 7310P SET 6 Meter see above, but with integrated thermal printer, in set with pure water USP Kit 1.	1CA306P



For other SETs or measuring cells in SET, see WTW Product Details