

inoLab Cond 7310 - Conductivity and TDS meter

Order code: **0202.1CA300**



Cena bez DPH	1.250,00 Eur
Price with VAT	1.512,50 Eur

Parameters

Device type	Desktop conductivity meter
Description	Stand-alone device
Measurand	Conductivity, Resistivity, Salinity, TDS, Temperature
Quantitative unit	ks

Benchtop Cond 7310 Conductivity/TDS/Salinity/Resistivity meter with $\pm 0.5\%$ accuracy, backlit display, datalogging capability, 5000 memory and USB data output.

The **7310 series** is designed for all applications in laboratories where documentation supporting AQA (Analytical Quality Assurance) and GLP (Good Laboratory Practice) is required. These meters offer all the features of the 7110 series plus additional documentation functions.

- USB interface for fast data transfer
- Complete data transfer in .csv format

- Data output via optional integrated printer
- Easy to read, graphic display
- Data optimisation with the CMC (Continuous Measurement Control) function

Meter	inoLab® Cond 7110	inoLab® Cond 7310
	<i>All values ±1 digit</i>	<i>All values ±1 digit</i>
Conductivity	0 µS/cm ... 1000 mS/cm ± 0.5 % of value	0 µS/cm ...1000 mS/cm ± 0.5 % of value.
additionally	0.000 ... 1.999 µS/cm, K= 0.01 cm ⁻¹ 0.00 ... 19.99 µS/cm, K= 0.01 cm ⁻¹	0.000 ... 1.999 µS/cm, K= 0.01 cm ⁻¹ 0.00 ... 19.99 µS/cm, K= 0.01 cm ⁻¹
Resistivity	-	0.00 ... 20 MOhm cm
Cell constants	0.450 ... 0.500 cm ⁻¹ , 0.800 ...0.880 cm ⁻¹ , fixed 0.01 cm ⁻¹ , Standard solution 0.01 mol/L KCl Adjustable: 0.090 ... 0.110 cm ⁻¹ 0.25 ... 2.5 cm ⁻¹	0.450 ... 0.500 cm ⁻¹ , 0.800 ... 0.880 cm ⁻¹ , fixed 0.01 cm ⁻¹ Standard solution 0.01 mol/L KCl Adjustable: 0.090 ... 0.110 cm ⁻¹ , 0.250... 25.000 cm ⁻¹
Salinity	0.0 ... 70.0 (acc. IOT)	0.0 ... 70.0 (acc. IOT)
TDS	0 ... 1999 mg/l	0 ... 1999 mg/l, 0 ... 199.9 g/l
Celsius/Fahrenheit	yes	yes
Temperature	-5.0 ... 105.0 °C ± 0.1 °C	-5.0 ... 105.0 °C ± 0.1 °C
AutoRead	automatic	automatic/manual
Sensor plug	8 pin	8 pin
Calibration	1 point	1 point
T _{ref}	20 °C/25 °C	20 °C/25 °C
Temperature compensation	none, nLF, linear 0.000 ... 3.000 %/K	none, nLF, linear 0.000 ... 10.00 %/K
Calibration memory	Current calibration record	Up to 10 records
Display	LCD	backlit LCD graphic
Memory	-	500 manually/5000 automatically
Logger	-	Manually/time controlled
Interface	-	Mini USB
Printer (optional)	-	Thermal printer, width 58 mm
Power supply	Universal power supply, 4 x 1,5 V AA or 4 x 1,2 V NiMH-rechargeable battery	Universal power supply, 4 x 1,5 V AA or 4 x 1,2 V NiMH-rechargeable battery

Optional:

- thermal printer, width 58 mm