

Conductivity

Bench Conductivity Meters, inoLab Cond series



a xylem brand

High accuracy bench meters for routine and advanced research applications in education and industry.

- ◆ AutoRead function provides repeatable measuring results by recognising when a stable reading has been achieved
- ◆ Intuitive user interface and clear controls
- ◆ Easy calibration function with timer
- ◆ Flexible operation either by batteries or mains supply using a universal voltage adapter
- ◆ Linear, non-linear (nIF) or adjustable temperature compensation, which can be switched off if required
- ◆ Snap-on sensor stand fixes rigidly to the meter without using screws or clips
- ◆ Model Cond 7310 additionally includes a graphics display, GLP/AQA documentation function, USB output of results in .csv format and is available with an internal printer

Model, inoLab® Cond		7110	7310
Range x resolution, accuracy	conductivity	0.000µS/cm x 0.001 to 1000mS/cm x 1, ±0.5% value ±1 digit – both models	
	TDS	0 to 1999mg/l x 1, ±1 digit	0 to 1999mg/l x 1 ±1 digit 0 to 199.9g/l x 0.1 ±1 digit
	salinity	0 to 70.0 (IOT) x 0.1 ±1 digit - both models 0 to 20.00 Mohm cm x 0.01 ±1 digit - both models	
	°C	-5.0 to 105.0 x 0.1°C ±0.1 ±1 digit - both models	
Cell constants,	fixed	0.01/cm	0.01/cm
	with calibration	0.450 to 0.500/cm 0.800 to 0.880/cm	0.450 to 0.500/cm 0.800 to 0.880/cm
	Adjustable	0.090 to 0.110/cm 0.250 to 2.500/cm	0.090 to 0.110/cm 0.250 to 2.500/cm
Temperature compensation		none, nIF, 0.000 to 3.000%/K	none, nIF, 0.000 to 10.000%/K
Output		—	Mini USB-B
Memories		—	500 - manual records 5000 - automatic records
Display		LCD	Backlit graphics LCD —
Power		4 x 1.5V AA batteries or universal voltage a.c. adapter for 100-240V 50/60Hz single phase supplies	4 x 1.5V AA batteries, 5V USB charge point or universal voltage a.c. adapter for 100-240V 50/60Hz single phase supplies
Overall W x D x H	mm	240 x 190 x 80	240 (290 - printer model) x 190 x 80
Weight	kg	3.5 – both models	

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As described. Supplied as a meter only with probe stand and a.c. adapter requiring a 100-230V 50/60Hz single phase supply. Models 7310 additionally are supplied with a USB cable and software for use with Windows™ computers. Require an accessory conductivity cell for operation.

CU680-35 inoLab® Cond 7110

CU680-45 inoLab® Cond 7310

CU680-60 inoLab® Cond 7310 with built-in printer

Spares and Accessories

CU683-05 Accessory TetraCon® 325 conductivity cell with 1.5 metre cable, 1µS/cm to 2S/cm, 0 to 100°C, K=0.475/cm

CU683-07 Accessory LR325/01 conductivity cell with 1.5 metre cable, glass flowthrough cell, 0.001µS/cm to 200µS/cm, 0 to 100°C, K=0.1/cm

CU683-10 Spare paper roll for CU680-60

BL610-15 Battery, 1.5V (4 required)



CU680-60, CU680-45 is similar



CU680-35