

BOECO BENCH TOP CONDUCTIVITY/ TDS/SALINITY/TEMP. METER MODEL CT-676

- » Simultaneous displays of conductivity, salinity or TDS with temperature measurements.
- » Convenient one point calibration. Calibration data is stored in memory and is ready for use on power up.
- » Adjustable TDS coefficient, reference temperature and temperature coefficient
- » Uses one conductivity cell for conductivity, salinity and TDS measurement
- » Accepts 4-wire conductivity cells with $k=0,475$ cell constant and 2-wire $K=0,1$ cell constant for improved flexibility and accuracy
- » Low battery indicator
- » IP54 waterproof case

Specification:

Conductivity K = 0,475

Range	Resolution	Accuracy
0,0 to 475 $\mu\text{S/cm}$	0,1 $\mu\text{S/cm}$	$\pm 1\%$ of reading +2 $\mu\text{S/cm}$
475 to 4750 $\mu\text{S/cm}$	1 $\mu\text{S/cm}$	$\pm 1\%$ of reading +5 $\mu\text{S/cm}$
4,75 to 47,50 mS/cm	0,01 mS/cm	$\pm 1\%$ of reading +0,05 mS/cm
47,5 to 200,0 mS/cm	0,1 mS/cm	$\pm 2,5\%$ of reading +0,5 mS/cm

Conductivity K = 0,1

Range	Resolution	Accuracy
0,00 to 99,99 $\mu\text{S/cm}$	0,01 $\mu\text{S/cm}$	$\pm 1\%$ of reading
100 to 200 $\mu\text{S/cm}$	0,1 $\mu\text{S/cm}$	$\pm 1\%$ of reading

Salinity

Range	Resolution	Accuracy
0,0 to 70,0 ppt	0,1 ppt	$\pm 0,2\%$ Full Scale

Temperature

Range	Resolution	Accuracy
-10,0 to 90,0 $^{\circ}\text{C}$	0,1 $^{\circ}\text{C}$	$\pm 0,2\%$ or $\pm 4\%$ Full Scale whichever is greater

Reference Temp.:	From 15,0 to 25,0 $^{\circ}\text{C}$, default is 25,0 $^{\circ}\text{C}$
Temperature Coefficient:	From 0,00 to 4,00 $^{\circ}\text{C}$, default is 1,91 $^{\circ}\text{C}$
TDS Constant:	From 0,30 to 1,00, default is 0,65
Cell Constant	4 wire conductivity cell: $K = 0,475$
ATC	Thermistor, 10K ohms, at 25 $^{\circ}\text{C}$
Power Requirement:	6 x 1,5 Volt AAA batteries or AC adaptor
Dimensions (LxWxH):	150 x 203 x 72 mm
Weight:	2,3 kg (6 x 1,5 V AAA Batteries included)

The CT-676 will be delivered incl. the following standard accessories:
 1 x 4-wire conductivity cell 3020P with $k=0,475$, 6 x 1,5V AAA batteries,
 1 x operating manual, 1 x flexible electrode holder

Code	Description
BOE 5196760	Bench Top Conductivity/Salinity/TDS/Temperature Meter, Model CT-676 with 4-wire Conductivity Cell 3020P with 6 PIN connector, $K=0,475$ (50 μS - 200 mS/cm), with EURO plug
BOE 5196761	Idem, with US plug AC adaptor

Optional Conductivity Cell:

BOE 5190109	2-wire Conductivity Cell 109P with 6 PIN connector, $K=0,1$ (0,0 - 200,0 $\mu\text{S/cm}$)
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