



BOECO PORTABLE CONDUCTIVITY/
TDS/SALINITY/TEMP METER
MODEL CT-480



BOECO PORTABLE CONDUCTIVITY/TDS SALINITY/TEMP. METER MODEL CT-480

- ▶ 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
- ▶ 50 data set reviewable memory
- ▶ Automatic shut off function (30 minutes of non-use)
- ▶ Battery life approx. 200 -500 hours
- ▶ Low battery indicator
- ▶ IP65 waterproof case

Specification:

Conductivity K = 0,475

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

Conductivity K = 0,1

Range	Resolution	Accuracy
0,00 to 99,99 μ S/cm	0,01 μ S/cm	$\pm 1\%$ of reading
100 to 200 μ S/cm	0,1 μ 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 °C	0,1 °C	$\pm 0,2\%$ or $\pm 4\%$ Full Scale whichever is greater

Reference Temp.:	From 15,0 to 25,0°C, default is 25,0°C
Temperature Coefficient:	From 0,00 to 4,00 °C, default is 1,91°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°C
Power	9 Volt battery
Size (LxWxD)	196x70x37 mm
Weight	0,26 kg (1 x 9V Battery included)

The CT-480 will be delivered incl. the following standard accessories:
1 x 4-wire conductivity cell 3020P with $k=0,475$
1 x 9 V battery, 1 x operating manual, 1 x carrying case

Code	Description
BOE 5190480	Portable Conductivity/Salinity/TDS/Temperature Meter, Model CT-480 in carrying case with 4-wire Conductivity Cell 3020P with 6 PIN connector, $K=0,475$ (50 μ S - 200mS/cm)

Optional Conductivity Cell:

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