

Model		Deluxe Bench CON 2700	Economy Bench CON 700
Conductivity/ TDS/Salinity Bench Meters Specifications			
Measuring Parameter		Conductivity / TDS / Salinity / Resistivity / °C / °F	Conductivity / TDS / °C / °F
Highlights		Graphic LCD with backlight & extensive display	Large LCD with dual display
Conductivity	Range	0.050 µS to 500.0 mS	.. µS to 200.0 mS
	Resolution	0.01 / 0.1 µS 0.001 / 0.01 / 0.1 mS	0.01 / 0.1 / 1 µS 0.01 / 0.1 mS
	Accuracy	±1 % full scale	±1 % full scale
	Cal. Points	Up to 5	
TDS	Range (Depending On TDS Factor)	0.050 ppm to 500 ppt (@ TDS factor 1.00)	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)
	Resolution	0.01 / 0.1 ppm 0.001 / 0.01 / 0.1 ppt	0.01 / 0.1 / 1 ppm 0.01 / 0.1 ppt
	Accuracy	±1 % full scale	±1 % full scale
	Cal. Points	Up to 5	
Salinity	Range	0 to 80.0 ppt	–
	Resolution	0.01 / 0.1 ppt 0.001 / 0.01 / 0.1 ppt	–
	Accuracy	±1 % full scale	–
	Cal. Points	Up to 5	–
Resistivity	Range	2.000 Ω to 20.0 MΩ	–
	Resolution	0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ	–
	Accuracy	±1 % full scale	–
	Cal. Points	Up to 5	–
Temperature	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	±0.3 °C / ±0.5 °F	±0.5 °C / ±0.9 °F
	Coefficient	Linear & pure ; 0.000 to 10.000 % (per °C)	0.00 to 10.00 % (per °C)
	Normalization	15.0 to 30.0 °C / 59.0 to 86.0 °F	
Meter Features	Compensation	ATC / MTC	
	GLP	Yes	–
	Cell Constant	0.010 to 10.000	0.1 / 1.0 / 10.0
	Datalogging	Yes	–
	Memory	500 data sets	100 data sets
	LCD Display	Graphic LCD with backlight (5.9 x 7.8 cm)	Custom dual-display LCD (5.6 x 7.5 cm)
	Input	DC socket, 8-pin DIN (2-cell or 4-cell), RS232	DC socket, 8-pin DIN (2-cell)
	Output	RS232	–
	Power	9 V DC adapter, 1.3 A (100 / 240 VAC, SMPS)	
	Dimensions (LxWxH); Weight	Meter: 17.5 x 15.5 x 6.9 cm ; 650 g Boxed: 30.8 x 23.5 x 12.4 cm ; 1800 g	

• 1 mS/cm = 1000 µS/cm (µS: microSiemens / mS: miliSiemens) • 1 ppt = 1000 ppm (ppm: parts per million / ppt: parts per thousand)

Conductivity/TDS/Salinity Bench Meters													
Item	Order Code	Part No.	Parameters					Electrodes		Accessories			
			Conductivity	TDS	Salinity	Resistivity	Temperature	4-Cell Conductivity Electrode (CONSEN9201D)	2-Cell Conductivity Electrode (CONSEN9501D)	Integral Electrode Holder	RS232 Cable (30X427301)	Power Adapter	Conductivity Sachets
CON 2700	ECCON270043S	01X543905	•	•	•	•	•	•		•	•	•	•
CON 700	ECCON70043S	01X543401	•	•			•		•	•		•	•

Replacement Electrodes & Accessories			
Used With	Description	Order Code	Part No.
CON 2700	4-cell, epoxy-body, graphite sensor, "Bulls Eye" Conductivity electrode, ATC, cell constant=0.530, 12 x 120 mm, 8-pin DIN connector, 1 m cable	CONSEN9201D	01X244730
CON 700	2 stainless steel rings ulterm-body Conductivity electrode, ATC, cell constant K=1.0, 16 x 144 mm, 8-pin connector, 1 m cable	CONSEN9501D	01X466602
CON 2700	RS232 to USB cable – use with 30X427301 cable to connect 2700 to USB port of PC	30X544601	30X544601
CON 2700	100 / 240 VAC SMPS power adapter, 9 V, 6 W	60X426401	60X426401
CON 700	100 / 240 VAC SMPS power adapter, 9 V, 6 W	60X030130	60X030130