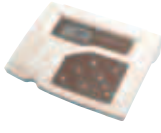

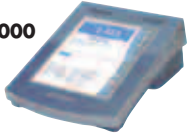


Conductivity/TDS measurements made easy

Meter Specifications

Model		CyberScan Economy Bench	CyberScan Premium Bench	CyberScan Premium Bench
		CON 510 	CON 1500 	CON 6000 
Measuring Parameter		Conductivity/TDS/°C/°F		Conductivity/TDS/Resistivity/°C/°F
Meter Highlights		Economical, high performance		0.001 resolution, extensive display
Conductivity	Range	0.00 to 19.99 µS/cm, 20.0 to 199.9 µS/cm, 200 to 1999 µS/cm, 2.00 to 19.99 mS/cm, 20.0 to 199.9 mS/cm	0.000 to 199.9 µS/cm, 200.0 to 1999 µS/cm, 2.000 to 19.99 mS/cm, 20.00 to 500.0 mS/cm	0 to 200.0 µS/cm 200.0 µS/cm to 2.000 mS/cm, 2.000 to 20.00 mS/cm, 20.00 to 500.0 mS/cm
	Resolution	0.01, 0.1 µS/cm, 0.01, 0.1 mS/cm	0.001, 0.01, 0.1 µS/cm, 0.001, 0.01, 0.1 mS/cm	0.001, 0.01, 0.1 µS/cm, 0.001, 0.01, 0.1 mS/cm
TDS	Range	0.00 to 9.99 ppm 10.0 to 99.9 ppm 100 to 999 ppm 1.00 to 9.99 ppt 10.0 to 99.9 ppt	Maximum 200 ppt depending on factor setting	0 to 200.0 ppm 200.0 to 2000 ppm, 2.000 to 20.00 ppt, 20.00 to 200.0 ppt depending on TDS factor
	Resolution	0.01 ppm, 0.1 ppm, 1 ppm 0.01 ppt, 0.1 ppt	0.001, 0.01, 0.1, 1 ppm	0.001, 0.01, 0.1 ppm, 0.001, 0.01, 0.1 ppt
Resistivity	Range	—	0.000 to 19.99 KOhms, 20.00 to 199.9 KOhms, 200.0KW to 1.999 MOhms, 2.000 to 100.0 MOhms	0 to 20.00 KOhms 20.00 to 200.0 KOhms 200.0 KOhms to 2.000MOhms 2.000 to 100.0 MOhms
	Resolution	—	0.1, 0.01, 0.001KOhms, 0.01, 0.001MOhms	0.1, 0.01, 0.001KOhms, 0.01, 0.001MOhms
Salinity (SALT)	Range	—	—	0 to 90 ppt over 4 ranges
	Resolution	—	—	0.1, 0.01, 0.001ppt
Temperature	Range	0.0 to 80 °C	-5.0 to 105.0 °C	-5.0 to 105.0 °C
	Resolution	0.1 °C	0.1 °C	0.1 °C
	Accuracy	±0.5 °C	±0.3 °C	±0.2 °C
	Compensation	ATC/MTC (0 to 80 °C)	ATC/MTC (0 to 100 °C)	ATC/MTC (-5 to 100 °C)
	Coefficient (Per °C)	0.0 to 10.0%	0.000 to 10.000%	0.000 to 10.000%
Normalisation		15.0 to 30.0 °C		
Accuracy		1% of full scale	0.5% of full scale	0.5% of full scale + 1 digit
Calibration Points		4 (1 per range) Auto, 5 (1 per range) Manual	4 (1 per range) Auto 4(1 per range) Manual	4 (1 per range) Auto 4(1 per range) Manual
Meter Features	Cell Constant		0.1, 1.0, 10.0	
	Memory	50	100	10,000
	Auto End Point	Yes	No	Yes
	Input	6-pin connector	DC socket, DIN connector 2-pin connector, phono	DC socket, DIN connector, SD reader, USB, RJ45, phono
	Output	No	RS232C	USB, IrDA, RS232C
Power Requirements	9V DC Adapter, 300 mA (100/240 VAC, SMPS)	12V DC Adapter, 300 mA (100/240 VAC, SMPS)	9V DC Adapter, 3.3 A (100/240 VAC, SMPS)	
Dimensions (LxWxH) / Weight (cm/g)	Unit only	23 x 18 x 6 cm 750 g	19.5 x 14 x 8.5 cm 950 g	16.5 x 23.5 x 8.9 cm 1100 g
	Boxed	40 x 26 x 9 cm 1400 g	40 x 26 x 9 cm 1600 g	49 x 28 x 16 cm 3700 g

Meter	
Order Code.	Item
EC-CON510/43S	CyberScan CON 510 Bench Conductivity/TDS Meter with Conductivity electrode (EC-CONSEN91W), integral electrode holder & SMPS power adapter
EC-CON1500/43S	CyberScan CON 1500 Bench Conductivity/TDS/RS232C Meter with DAS, RS232C cable, Conductivity 4-cell electrode (EC-620-165), integral electrode holder & SMPS power adapter
EC-CON6000/43S	CyberScan CON 6000 Bench Conductivity/TDS/Resistivity/Salinity USB, RJ 45, IrDA, SD card reader, RS232C Meter with electrode, integral electrode holder, conductivity sachets & SMPS power adapter

Replacement Electrode	
Order Code.	Item
EC-CONSEN91W	2 Stainless Steel Rings Ultem-body Electrode with ATC, cell constant K=1.0, 16x110 mm, 6-pin connector, 1m cable length (for CON 510)
EC-620-165	Epoxy-body 4-cell Conductivity Electrode with ATC, cell constant K=1.0, DIN connector, 1m cable length

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