

COND 6+ ; TDS 6+

Conductivity/°C TDS/°C

Sturdy and economical – the Eutech COND 6+ and Eutech TDS 6+ are no-frills handhelds perfect for basic water testing needs. The meters are rugged, sturdy and come with protective rubber boots and hinges that conveniently double up as benchtop stands.



Reader-friendly
screen display



Splashproof keypad



Convenient
benchtop stand



Rubber boot
protects against
knocks and hits

IP54-rated housing
protects against dust
and water splashes

Conductivity
electrode with
built-in ATC and
designed for minimal
bubble entrapment

Applications

Routine Testing: For quick, accurate Conductivity or TDS checks in laboratories, field and schools.

Environmental/Agricultural: Useful in nutrient and fertilizer checks in hydroponics and agricultural industries.

Water Quality Testing: For analysing water, hard water, untreated water, industrial and rinse water, drinking water, effluent water, pool water and incoming process water. Ideal for all types of quality assurance, printing industries and water quality testing.

- Up to 5-point push-button calibration with auto-buffer recognition – quick, easy calibration with no mistakes
- ± 1 % full scale accuracy
- Selectable automatic/manual temperature compensation
- Auto-ranging for Conductivity measurements
- Adjustable TDS factor for direct derivation of values
- Non-volatile memory holds meter settings, even when batteries run out
- Easy troubleshooting with comprehensive self-diagnostic messages



Salt 6+

Salinity/°C

Conductivity/
TDS/Salinity
Economy Handheld

With sturdy rubber boot, splash-proof keypad, large custom LCD and rugged carrying case, salinity testing on the go is a breeze with the Eutech Salt 6+.



Rubber boot
protects against
knocks and hits

IP54-rated housing
protects against
water splashes

Splashproof keypad

- Measures in ppt and %
- Quick and easy push-button calibration
- User customisation for normalisation temperature and temperature coefficient
- Electrode with built-in ATC designed for minimal air bubble entrapment during measurement
- Rugged all-in-one meter kit available
- Other features include: HOLD function, auto-off, self-diagnostics



Applications

Routine Testing: For quick, accurate Salinity measurements in laboratories, field and schools.

Water Quality Testing: Ideal for salt levels in brines, pool water, aquaculture systems, aquariums (marine fish) and fish ponds (koi), food processing and healthcare industries.

Models		CyberScan Dual-Display					Eutech Single-Display			
		COND 610	COND 600	CON 400	CON 110	CON 11	COND 6+	TDS 6+	Salt 6+	
Conductivity/ TDS/Salinity Handheld Meters Specifications										
Measuring Parameter		Conductivity / TDS / Salinity / Resistivity / °C / °F	Conductivity / TDS / °C / °F		Conductivity / TDS / °C / °F	Conductivity / TDS / °C	Conductivity / °C	TDS / °C	Salinity / °C / °F	
Highlights		Waterproof, GLP, RS232C, IrDA, linear & pure TC	Waterproof, GLP, RS232C, IrDA, linear TC		Expanded memory, RS232C output	Standard handheld	Economical CON measurement	Economical TDS measurement	High accuracy over a wide Salinity range	
Conductivity	Range	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 200.0 mS	.. to 19.99 µS 19.9 to 199.9 µS 199 to 1999 µS 2.00 to 19.99 mS 20.0 to 199.9 mS				–		
	Resolution	0.01 µS / 0.1 µS / 0.001 mS / 0.01 mS / 0.1 mS		0.05 % full scale				–		
	Accuracy	±1 % full scale + 1 LSD								–
TDS	Range (Depending On TDS Factor)	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 200.0 ppt	.. to 10.00 ppm ** 10.0 to 100.0 ppm 100 to 1000 ppm 1.00 to 10.00 ppt 10.0 to 100.0 ppt	.. 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		–	.. 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		
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt / 0.1 ppt		0.05 % full scale		0.05 % full scale				
	Accuracy	±1 % full scale + 1 LSD			±1 % full scale + 1 LSD					
	TDS Factor	0.40 to 1.00		0.40 to 1.0		0.40 to 1.0		–	0.40 to 1.0	
Salinity	Range	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.138 to 23.64 ppt 23.64 to 80.00 ppt	–					1.0 to 50.0 ppt / 0.1 to 5.00 %		
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt	–					0.1 ppt / 0.01 %		
	Accuracy	±1 % full scale + 1 LSD					–		±1 % full scale	
Resistivity	Range	2.000 to 25.00 Ω 25.00 to 250.0 Ω 250.0 to 3.333 kΩ 3.333 to 500.0 kΩ 500.0 kΩ to 20.00 MΩ	–					–		
	Resolution	0.01 Ω / 0.1 Ω / 0.001 Ω / 0.1 Ω / 0.01 MΩ	–					–		
	Accuracy	1 % full scale + 1 LSD					–			
Cal. Points		4 (1 per range) auto, 5 (1 per range) manual		5 (1 per range) manual	4 (1 per range) auto, 5 (1 per range) manual			5 (1 per range) manual		
Temperature	Range	-10.0 to 110 °C / 14.0 to 230 °F		0.0 to 100.0 °C / 32.0 to 212 °F				-10.0 to 110 °C		
	Resolution	0.1 °C / 0.1 °F							0.1 °C	
	Accuracy	±0.5 °C / ±0.9 °F							±0.5 °C	
	Compensation	ATC / MTC (0 to 80 °C)							ATC/MTC (0 to 50 °C)	
	Normalization	15 to 30 °C			20.0 or 25.0 °C			20.0 °C & 25.0 °C (selectable)		
	Operating Temp.	0 to 50 °C							0 to 50 °C	
Meter Features	Temperature Coefficient	Linear & pure	Linear	0.0 to 10.0 %			0.0 to 3.0 %		0.0 to 3.0 %	
	GLP	Yes			–					
	Cal-Due Alarm	Yes			–					
	IP67	Yes			–					
	Datalogging	Yes			–				Yes	
	Memory	500 data sets		50 data sets	100 data sets	50 data sets	–			
	Cell Constant	0.010 to 10.000		0.1, 1.0, 10.0						
	LCD Display	Dot-matrix LCD with backlight (5.4 x 7.1 cm)			Dual-display LCD (5.8 x 3.3 cm)			Single-display LCD (4.5 x 2.3 cm)		
	Auto-Off	2 to 30 mins after last key pressed			20 mins after last key pressed					
	Auto Hold	Yes					–			
	Input	DC phono sockets, 8-pin connector		6-pin connector	DC socket, 6-pin connector		BNC, 2.5 mm phono socket			
	Output	IrDA, RS232C (via LED) *		–	RS232C		–			
	Power	4 x 1.5 V 'AA' alkaline batteries or 9 V DC adapter, 500 mA		4 x 1.5 V 'AAA' alkaline batteries	4 x 1.5 V 'AAA' alkaline batteries or 9 V DC adapter, 200 mA		4 x 1.5 V 'AAA' alkaline batteries			
	Battery Life	> 200 hrs		> 100 hrs	> 200 hrs		> 100 hrs			
Dimensions (LxWxH); Weight	Meter	18.3 x 9.5 x 5.7 cm ; 460 g		19 x 10 x 6 cm ; 320 g	18 x 9 x 4 cm ; 220 g		15.7 x 8.5 x 4.2 cm ; 255 g			
	Boxed	40 x 33 x 10 cm ; 2680 g		40 x 33 x 10 cm ; 2100 g		36 x 28 x 8 cm ; 1555 g				

* 1 mS/cm = 1000 µS/cm (µS: microSiemens / mS: milliSiemens) • 1 ppt = 1000 ppm (ppm: parts per million / ppt: parts per thousand) ** Maximum 199.9 ppt depending on factor setting
* RS232C (LED) interface adapter available as separate accessory (see page 49 for order information)

Conductivity/TDS/Salinity Handheld Meters

Item	Order Code	Part No.	Parameters					Electrodes			Accessories						
			Conductivity	TDS	Salinity	Resistivity	Temperature	4-Cell Conductivity Electrode (CONSEN9203J)	Conductivity Electrode (CONSEN91W)	Conductivity Electrode (CONSEN91B)	CyberComm 600 DAS Software	CyberComm Portable DAS Software	Electrode Holder	RS232C Cable	Power Adapter	CyberScan Carry Kit Set With Calibration Stds	Economy Carry Kit Set With Calibration Stds
COND 610	ECCONWP61043K	01X418307	•	•	•	•	•	•			•				•	•	
COND 600	ECCONWP60043K	01X418304	•	•			•	•			•				•	•	
CON 400	ECCONWP40003K	01X251410	•	•			•		•				•			•	
CON 110	ECCON11003K	01X366309	•	•			•		•			•	•	•		•	
CON 11	ECCON1103K	01X366305	•	•			•		•				•			•	
COND 6+	ECCON603PLUSK	01X289425	•				•			•							•
TDS 6+	ECTDS603PLUSK	01X289427		•			•			•							•
Salt 6+	ECSALT603PLUSK	01X289429			•		•			•							•*

* Economy Salinity carry kit set – plastic carry case, 5 ppt, 25 ppt, 45 ppt NaCl standard solutions, deionised rinse water

Replacement Electrodes

Used With	Description	Order Code	Part No.
COND 610 / COND 600	4-cell epoxy body Conductivity electrode, ATC, cell constant K=0.530, 12 x 120 mm, 8-pin connector, 3 m cable	CONSEN9203J	01X244723
COND 610 / COND 600	2 stainless steel rings ultem-body Conductivity electrode, ATC, cell constant K=1.0, 16 x 144 mm, 8-pin connector, 1 m cable	CONSEN91J	01X244721
CON 400 / CON 110 / CON 11	2 stainless steel rings ultem-body Conductivity electrode, ATC, cell constant K=1.0, 16 x 144 mm, 6-pin connector, 1 m cable	CONSEN91W	01X244702
COND 6+ / TDS 6+ / Salt 6+	2-stainless steel rings ultem-body Conductivity electrode , ATC, cell constant K=1.0, 16 x 144 mm, BNC connector, 1 m cable	CONSEN91B	01X244701

Accessories

Used With	Description	Order Code	Part No.
COND 610 / COND 600	CyberScan CON 600 series carry kit set – plastic carry case, 442 standard solutions (1413 mS, 12.88 mS KCl, 3000 ppm), deionised rinse water	ECCONWP600KIT	01X430202
COND 610 / COND 600	100 / 240 VAC SMPS power adapter, 9 V, 6 W, centre +ve, US / UK / EUR / Japan plug	01X030132	01X030132
COND 610 / COND 600	RS232C (LED) interface adapter	91100-85	01X344202
CON 400 / CON 110 / CON 11	CyberScan Conductivity / TDS carry kit set – plastic carry case, 442 standard solutions (1413 mS, 12.88 mS KCl, 111.8 mS KCl), deionised rinse water	ECCONWPKIT	01X266802
CON 110 / CON 11	100 / 240 VAC SMPS power adapter, 9 V, 6 W, centre +ve, US / UK / EUR / Japan plug	60X030130	60X030130
CON 110	RS232C communication cable – 9-pin male to 9-pin female connector, 1 m cable	ECCA02M09F09	30X219503
COND 6+ / TDS 6+	Economy Conductivity / TDS carry kit set – plastic carry case, 442 standard solutions (1413 mS, 12.88 mS KCl, 3000 ppm), deionised rinse water	ECECOCONKIT	01X266902
12 mm diameter electrode	Electrode holder	15X000700	15X000700
All except 600 series	CyberScan handheld carry pouch	ECPOUCH02	56X201400

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