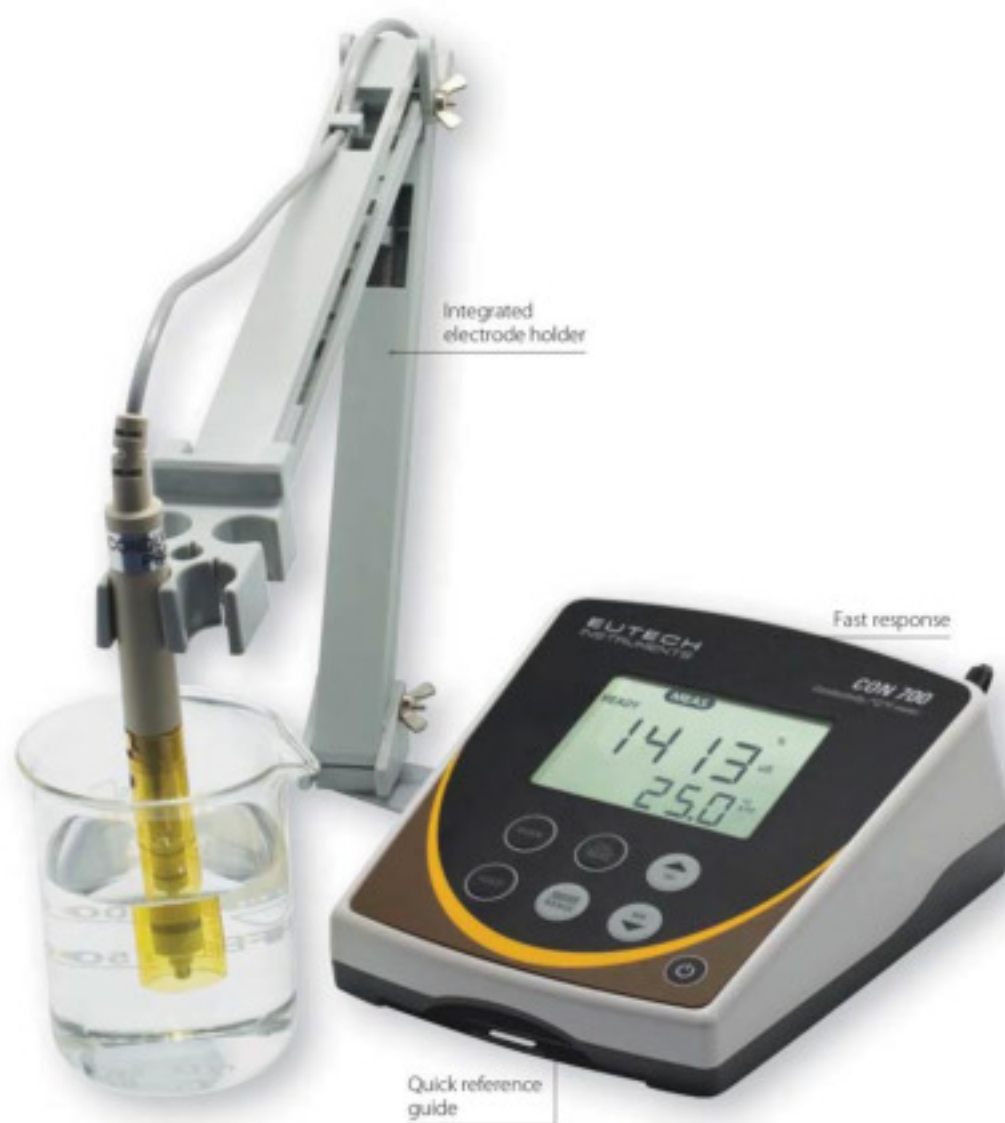


CON 700

Conductivity/TDS/°C/°F

The economy Eutech CON 700 offers years of reliable, accurate and consistent performance. User-friendly features make the instrument an ideal research partner in laboratories, productions plants and schools.



Conductivity/
TDS/Salinity



Larger display



Electrode arm can be used on either side



Splashproof keypad



Non-skid foot pads

Conductivity/TDS/Salinity

- Large, comprehensive screen that displays readings, calibration points and electrode indicator
- Ready indicator alerts when readings are stable
- Selectable cell constant
- Auto-ranging across 5 conductivity ranges
- Up to 5-point push button calibration
- Non-volatile memory holds up to 100 data points
- Integral electrode holder

Electrode arm and bracket available as separate accessory (order code: 01X321801) – please refer to page 106



Applications

- Environmental studies
- Chemical laboratories
- Quality assurance testing
- Food science
- Ecological studies
- Education institution

**Conductivity/
TDS/Salinity**
 Bench Meters Specifications
 & Ordering Information

Model	Deluxe Bench		Economy Bench	
	CON 2700		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 1000 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		--
	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		
Compensation		ATC / MTC		
Meter Features	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		9V DC adapter, 1.3 A (100 / 240 VAC, SMPS)		
Dimensions	Meter	17.5 x 15.5 x 6.9 cm ; 650 g		
LxWxH; Weight		Boxed 30.8 x 23.5 x 12.4 cm ; 1800 g		

• 1 mS/cm = 1000 µS/cm (µS: microSiemens / mS: milSiemens) • 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 (CONSEN2010)	2-Cell Conductivity Electrode (CONSEN95010)	Integral Electrode Holder	RS232 Cable (30X427301)	Power Adapter	Conductivity Sachets
CON 2700	ECCON2700435	01X543905	•	•	•	•	•		•	•	•	•	
CON 700	ECCON700435	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	CONSEN2010	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	CONSEN95010	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, 9V, 6W	60X426401	60X426401
CON 700	100 / 240 VAC SMPS power adapter, 9V, 6W	60X030130	60X030130