

Eutech CON 700

Benchtop conductivity / TDS / temperature meter

Brand: Eutech | Sci SKU: EUT-CON-70043S

Conductivity / TDS / temperature bench meter. Manufacturer kit: ECCON70043S, part no. 01X543401, with CONSEN9501D conductivity/ATC probe, integral electrode holder and adapter.

TECHNICAL SPECIFICATIONS

Measurement parameters	Conductivity, TDS and temperature
Conductivity upper range*	200.0 mS (catalogue unit)
Conductivity resolution	0.01 / 0.1 / 1 μ S; 0.01 / 0.1 mS
Conductivity accuracy	± 1 % full scale
Conductivity calibration	Up to 5 points
Cell constant	0.1, 1.0, 10.0 (selectable)
TDS upper range*	100.0 ppt at factor 0.5; 200.0 at factor 1
TDS resolution	0.01 / 0.1 / 1 ppm; 0.01 / 0.1 ppt
TDS accuracy	± 1 % full scale
TDS calibration	Manual; 5 points, maximum 1 per range
TDS factor	0.40 to 1.00 (adjustable)
Temperature range (meter)	0.0 to 100.0 $^{\circ}$ C / 32.0 to 212.0 $^{\circ}$ F
Temperature resolution / accuracy	0.1 $^{\circ}$ C / 0.1 $^{\circ}$ F; ± 0.5 $^{\circ}$ C / ± 0.9 $^{\circ}$ F
Temperature coefficient	0.00 to 10.00 % per $^{\circ}$ C
Normalization temperature	15.0 to 30.0 $^{\circ}$ C
Temperature compensation	Automatic with supplied cell or manual
Memory / reading aids	100 data points; Ready indicator
Meter dimensions / weight	17.5 $\times$ 15.5 $\times$ 6.9 cm (L $\times$ W $\times$ H) / 650 g

MANUFACTURER KIT: ECCON70043S

CON 700 meter; CONSEN9501D conductivity/ATC probe; integral electrode holder; 100/240 VAC adapter. Probe: two stainless-steel rings, Ultem body, K=1.0, 144 $\times$ 16 mm, 8-pin connector and 1 m cable. Confirm supplied configuration against the order code.

SOURCE REFERENCES / VERIFICATION NOTES

Eutech 700 Series Bench Meter Family Brochure, 08/10 Rev 1: p. 2 (memory/dimensions), p. 4 (CON features), p. 5 (kit/probe), p. 6 (CON specifications).

*Lower range endpoints are not legible in the supplied table; only upper values are stated. Supplied-cell compensation range: 0 to 80 $^{\circ}$ C. Adapter current is omitted due to inconsistent source values.

Prepared by SciSpectrum Lab Essentials, reseller, using manufacturer catalogue information. Refer to the original catalogue for complete technical details.