

Eutech PC 700

Benchtop pH / ORP / conductivity / TDS / temperature meter

Brand: Eutech | Sci SKU: EUT-MTP-ECPC70043S

Multiparameter bench meter. Manufacturer kit: ECPC70043S, part no. 01X543601, with ECFC7252101B pH electrode, CONSEN9501D conductivity/ATC probe, electrode holder and adapter.

TECHNICAL SPECIFICATIONS

pH range / resolution	-2.00 to 16.00 pH / 0.01 pH
pH accuracy / calibration	±0.01 pH / up to 5 points
pH buffer sets	USA and NIST (5 preset values each)
ORP / relative mV range	±2000 mV
ORP resolution	0.1 mV (±199.9 mV); 1 mV beyond
ORP accuracy	±0.2 mV (±199.9 mV); ±2 mV beyond
Conductivity range	0.0 µS to 200.0 mS (catalogue units)
Conductivity resolution	0.01 / 0.1 / 1 µS; 0.01 / 0.1 mS
Conductivity / TDS accuracy	±1 % full scale
Conductivity calibration	Automatic or manual; max. 1 point per range
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 factor / calibration	0.40 to 1.00 / manual, up to 5 points
Temperature range (meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F
Temperature resolution / accuracy	0.1 °C / 0.1 °F; ±0.5 °C / ±0.9 °F
Temp. coefficient / normalization	0.00 to 10.00 % per °C / 15.0 to 30.0 °C
Memory	100 data points; non-volatile

MANUFACTURER KIT: ECPC70043S

PC 700 meter; ECFC7252101B pH electrode; CONSEN9501D conductivity/ATC probe; integral electrode holder; 100/240 VAC adapter. The catalogue does not list an ORP electrode in this kit. Verify supplied configuration against the order code.

SOURCE REFERENCES / VERIFICATION NOTES

Eutech 700 Series Bench Meter Family Brochure, 08/10 Rev 1: p. 2 (memory), p. 5 (PC features/kit), p. 7 (PC specifications). *TDS lower endpoint is not legible in the supplied table. Temperature compensation: automatic with supplied cell or manual; supplied-cell range 0 to 80 °C. Adapter current 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.