

Eutech DO 700

Benchtop dissolved oxygen / temperature meter

Brand: Eutech | Sci SKU: EUT-DO-700

Benchtop dissolved oxygen / temperature meter for routine laboratory measurements. Manufacturer kit reference: ECDO70042S, part no. 01X543501, with DO6HANDY galvanic DO/ATC probe.

TECHNICAL SPECIFICATIONS

Measurement parameters	Dissolved oxygen and temperature
Dissolved oxygen range	0 to 30 mg/L
DO resolution / accuracy	0.01 mg/L / ± 0.5 % full scale
Oxygen saturation range*	0 to 199.9 %; 300 % (as printed)
Saturation resolution / accuracy	0.1 % / ± 0.5 % full scale
Salinity correction	0 to 50 ppt; resolution 0.1 ppt
Barometric pressure range	450 to 825 mmHg; resolution 1 mmHg
Pressure correction method	Automatic correction with manual pressure input
Temperature range	0.0 to 50.0 °C / 32.0 to 122.0 °F
Temperature resolution	0.1 °C / 0.1 °F
Temperature accuracy	± 0.5 °C / ± 0.9 °F
Memory	100 data points; non-volatile
Reading stability	Ready indicator; hold function
Display	Large display; temperature with readings
Electrode holder	Integral electrode holder in ECDO70042S kit
Power input	9 V DC adapter; 100/240 VAC SMPS
Meter dimensions / weight	17.5 × 15.5 × 6.9 cm (L × W × H) / 650 g
Boxed dimensions / weight	30.8 × 23.5 × 12.4 cm / 1800 g

MANUFACTURER KIT REFERENCE: ECDO70042S

DO 700 meter; DO6HANDY dissolved oxygen/ATC probe; integral electrode holder; 100/240 VAC adapter. DO6HANDY is a galvanic electrode with 0.9 m cable. Verify kit contents against the order code.

SOURCE REFERENCES / VERIFICATION NOTES

Eutech 700 Series Bench Meter Family Brochure, 08/10 Rev 1: p. 2 (general features/dimensions); p. 4 (DO features); p. 5 (kit/probe); p. 7 (DO specifications). *Saturation range is transcribed as printed; confirm its interpretation before application-specific selection. Adapter current is omitted because p. 2 and p. 5 give inconsistent power information.

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