

# Eutech DO 2700

Benchtop dissolved oxygen / BOD / temperature meter

Brand: Eutech | Sci SKU: EUT-DO-2700

DO 2700 benchtop meter. Manufacturer kit reference: ECDO270042, part no. 01X543907. Kit includes the EC620SSP self-stirring DO/BOD/ATC electrode.

## TECHNICAL SPECIFICATIONS

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Dissolved oxygen range           | 0.00 to 50.00 mg/L                             |
| DO resolution / accuracy         | 0.01 mg/L / $\pm 0.5$ % full scale             |
| Oxygen saturation range          | 0 to 600.0 %                                   |
| Saturation resolution / accuracy | 0.1 % / $\pm 0.5$ % full scale                 |
| Calibration                      | Automatic at 100 %; independent 0 %            |
| Salinity correction              | 0 to 50.0 ppt; resolution 0.1 ppt              |
| Barometric pressure correction   | 450 to 825 mmHg; automatic, built-in sensor    |
| Pressure resolution              | 1 mmHg                                         |
| Temperature range                | 0.0 to 50.0 °C / 32.0 to 122.0 °F              |
| Temperature resolution           | 0.1 °C / 0.1 °F                                |
| Temperature accuracy             | $\pm 0.3$ °C / $\pm 0.5$ °F                    |
| Memory                           | 500 data sets; date/time stamped               |
| Communication                    | Bi-directional RS232; PC/printer output        |
| Logging / alerts                 | Auto-logging; calibration-due and limit alarms |
| Access protection                | Password protection for setup/calibration      |
| Power requirement                | 9 V DC adapter, 1.3 A (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: ECDO270042

DO 2700 meter; EC620SSP polarographic DO/BOD/ATC electrode with self-stirring mechanism; 30X427301 RS232 cable; 100/240 VAC power adapter. Catalogue states the DO kit excludes the integral electrode holder. Verify supplied kit against the order code.

## SOURCE REFERENCES

Eutech 2700 Series Bench Meter Family Brochure: p. 2 (memory, power, dimensions); p. 4 (DO features); p. 6 (DO specifications); p. 7 (kit contents/order codes). Manufacturer document: eutech\_bench\_2700\_series\_family\_brochure.pdf.

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