

Dissolved Oxygen Meters

970 Enterprise Dissolved Oxygen Meter

- Portable and ideal for field work
- Results as % air saturation, % oxygen or mg/l
- Automatic calibration
- Manual atmospheric pressure and salinity correction
- Storage of up to 32 results

The 970 is a general purpose, hand held dissolved oxygen meter that combines accurate measurement and ease of use in a robust, ergonomic case. The display simultaneously shows % dissolved oxygen or oxygen concentration (mg/l) and temperature. All readings are automatically corrected for temperature with the option to manually enter corrections for pressure and salinity. The 970 is supplied with a single probe with integrated temperature measurement, allowing automatic temperature compensation as standard.



970

Technical Specification

DO₂

Ranges -5 to 199%
-5 to 25.0%
-5 to 19.99mg/l

Resolution 1%, 0.1% or 0.01mg/l

Accuracy ±2% within 10°C of calibration temperature

Temperature

Range -10 to +105°C

Resolution 0.1°C

Accuracy ±0.5°C

ATC range 0 to +60°C

Power 2 AA batteries

Size (l x w x d) 175 x 75 x 35mm

Weight 250g

Ordering Information

Part Code	Description
970 201	970 dissolved oxygen meter supplied with DO ₂ probe (970 231), spare membranes, KCl fill solution, zero calibration salts and batteries (fitted)
970 271	970 dissolved oxygen meter supplied with DO ₂ probe (970 231), spare membranes, KCl fill solution, zero calibration salts, batteries (fitted) and free carry case

Dissolved Oxygen Meters

Enterprise Kit

Ordering Information

Part Code	Description
399 241	Enterprise Kit: 370 pH, 470 Conductivity/TDS and 970 DO ₂ meters in a customised carry case. Supplied with epoxy combination pH electrode (924 001), ATC probe (027 500), conductivity cell with ATC, K=1 (027 298), DO ₂ probe (970 231) buffer sachets, spare membranes, KCl fill solution, zero powder and batteries (fitted)

DO₂ Probes

Part Code	Description	Unit
970 231	DO ₂ probe	970
541 520	DO ₂ probe	9150
541 620	BOD probe with bottle adapters, funnel & stirrer	9200
522 016	BOD bottle attachment 2.5°	9200
522 017	BOD bottle attachment 3.0°	9200
522 018	BOD bottle attachment 6.0°	9200
552 050	BOD kit	9500
522 023	DO ₂ probe with ATC	9500
522 019	Replacement membranes (3) and KCl fill solution	970 9500
541 550	Replacement membranes (3) and KCl fill solution	9150 9200
541 650	Replacement BOD membranes (3) and KCl fill	9200 9500



Enterprise Kit

Consumables

Part Code	Description
541 553	KCl fill solution for DO ₂ probe (30ml)
983 030	Zero calibration powder for DO ₂ probe

Printers and PC Software

Part Code	Description
543 001	40 column serial printer supplied with interface cable, paper roll (060 287), ribbon (060 288) and UK power adapter (requires interface cradle) (9200)
542 001	Interface cradle supplied with interface cable kit (542 009) (9200)
037 701	Thermal printer with IrDA supplied with roll of paper (037 702), universal power adapter and interface cable for non-IrDA units (9500)



Printer

Miscellaneous

Part Code	Description
033 270	Carry case (970)
033 175	Carry case (9150 and 9200)
060 406	Dust cover (9500)
037 901	Battery operated bench stirrer
903 400	Bench stand with electrode holder (9200)
903 300	Electrode stand and holder (9500)
903 311	Extended length rod for 903 300 (recommended for use with 037 901) (9500)
021 007	Battery (970)



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.