

Micro 800 Optical DO Meter

Offering the simplest high performance system for Dissolved Oxygen (DO), the Micro 800 is the choice for critical water quality applications.

The key features of the meter and probe include:

- **Absolute simplicity** – automatic correction of DO measurements for atmosphere pressure, temperature and salinity as standard.
- **Long life optical technology** – suitable for low-flow or anoxic conditions with a lifetime of up to two years per sensor.
- **More than just DO** – conductivity, Total Dissolved Solids, salinity, SSG and resistivity are recorded alongside atmospheric pressure and 3D sample location.

Provided in a robust field case with a 3m cable as standard, the Micro 800 Optical DO Meter delivers absolute confidence in this critical parameter wherever it is measured.



	Range	Resolution	Accuracy
Dissolved Oxygen	0 – 50 mg/L 0 – 500% saturation	0.01 0.1%	±1% (0 – 20 mg/L/0 – 200%) ±10% (20 – 50 mg/L, 200 – 500%)
Temperature	-5 to 50 °C	0.01°C	±0.1°C
Conductivity (EC)	0 to 200,000 µS/cm	1 (0 to 9,999 µS/cm) 0.01 (10.00 – 99.99 mS/cm) 0.1 (100.0 – 200.0 mS/cm)	±1% of reading or ±1µS/cm, whichever is greater
Total Dissolved Solids	0 to 100,000 mg/L	1 (0 – 9,999 mg/L) 0.01 (10.00 – 100.00 g/L)	±1% of reading or ±1 mg/L, whichever is greater
Resistivity	5Ωcm - 1MΩcm	1 (5 – 9,999 Ω.cm) 0.1 (10.0 – 1,000.0 kΩ.cm)	±1% of reading or ±1 Ω.cm, whichever is greater
Salinity	0 – 70 PSU 0 – 70.00 ppt (g/kg)	0.02 PSU 0.01 ppt	±1% of reading or ±0.1 unit, whichever is greater
Seawater Specific Gravity	0 – 50 σ	0.1 σ	±1.0 σ

Ordering Information	Part Code
Micro 800 Optical DO Kit, Hard Case	PT1303