

Technical requirements:

Portable dissolved oxygen meter

1. General requirements

Technical documentation for price quote must include:

- Product catalogue with all relevant technical parameters of the product, with clearly marked options and additional equipment that is offered.
- Product warranty
- Instruction manual (operating and maintenance).
- Calibration report.

Note: The operating and maintenance manuals must be delivered in printed form with the device.

2. Technical requirements

Portable dissolved oxygen meter must meet the following requirements:

Device type	Portable device with batteries and digital screen
Measured parameters	Dissolved oxygen, Temperature
Fluid type	Boiler water and boiler feed water
Dissolved oxygen measurement range	0 – 10 mg/L (ppm)
Dissolved oxygen measurement resolution	0,0001mg/L (ppm)
Dissolved oxygen measurement accuracy	+/- (0,001 + 1%) of measured value
Temperature measurement range	0 – 70 °C
Temperature measurement resolution	0,1 °C
Temperature measurement accuracy	+/- 0,3 °C
Minimal Ingress Protection	IP57 (IEC 60529)
Sample connection size	Ø 6 – 19 mm
Additional equipment	Set of spare parts Electrolyte Flow-through chamber Converting unit Power supply unit with charger