

TS-600



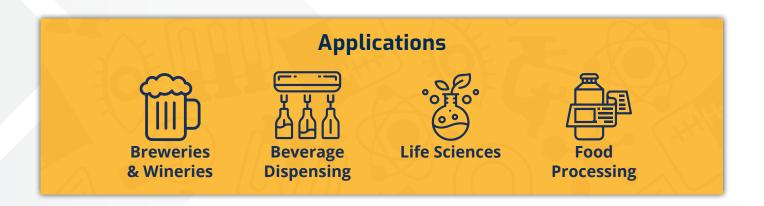
DISSOLVED OXYGEN METER

Accuracy, Precision, and Sensitivity Matters.

The TecPen Dissolved Oxygen Fluid Meter provides accurate determination of oxygen concentrations in beverage applications for quality control and assurance. The meter operates without warm-up time and measures in mg/L or parts per billion (ppb) in water and other liquids. This portable and rechargeable dissolved oxygen meter is ideal for measuring trace oxygen levels in packaged liquids like beer, and suited for biological or industrial applications.

Features

- Accurate optochemical oxygen sensor
- High flexibility due to portable, easy-to-use design
- Real-time measuring accuracy in seconds
- Integrated memory and data transfer via USB
- Industry-standard .CSV data files



TECHNICAL DATA

Dissolved Oxygen Meter

Measurement Range 0 - 2000 ppb or 0-2 mg/L

> 0-200 ppb: ± 2% Mev**, 200-1000 ppb: ±3% Mv*, 1,000-2,000 ppb: **Accuracy**

±5% Mv*

Resolution 1ppb or 0.001 mg/L

Max. Pressure: 5 bar

at 25°C/77°F: <150 ms **Response Time**

Temp. range Min./Max: -10°C/ +60°C (14°F/140°F)

> Power supply: 5V USB and LiPo

Rechargeable battery lifetime: > 3h per charge

> **Data Interface: USB**

Temperature compensation: 4-30°C (39.2-86°F)

> Display: **OLED**

Cleaning housing: No organic solvents, 40% EtOH

Cleaning sample line: Water, 40% EtOH, Mild detergents, no organic solvents

Parts touching sample: St. 1.4404/PTFE/Glass

> Case: Anodized aluminum

Case with Device Weight: 2.45 lbs.

> **Case Dimensions:** 12 x 11 x 3.25 inches

Device Weight: 0.50 lbs.

Device Dimensions: 7 x 2 x 1 inch

Protection class: IP 65

Main service interval

(Service including necessary

retrofitting):

3 years

Sensor cap replacement

interval:

1 year

Recommended zero-point

adjustment by customer:

3 months

*Mv = measured value

**Mev = measured end value











