

SM-820
PORTABLE DISSOLVED OXYGEN METER



DESCRIPTION

Portable meter developed to measure dissolved oxygen concentration. SM-820 has compact design, LCD screen, compensation for temperature and, salinity and barometric pressure corrections. Ideal for field testing or outdoor applications, aquariums, industrial process monitoring, wastewater treatment, chemical analysis, quality control, environmental monitoring, etc.

TECHNICAL PARAMETERS

DISPLAY

LCD

MEMORY

Stores up to 100 data sets

CONNECTOR

6-pin mini-DIN

DIMENSIONS

170 x 86 x 30 mm

WEIGHT

300 g

POWER SUPPLY

3 x 1.5V AA batteries (NOT included)

DISSOLVED OXYGEN

RANGE

0.00 to 20.00 mg/L

ACCURACY

±0.5 mg/L

RESOLUTION

0.01 mg/L

CALIBRATION POINTS

1 or 2 points

TEMPERATURE COMPENSATION

0 to 50°C, 32 to 122°F (automatic)

SALINITY CORRECTION

0.0 to 50.0 g/L

PRESSURE CORRECTION

60.0 to 112.5 kPa, 450 to 850 mmHg

% SATURATION OF OXYGEN

RANGE

0.0 to 200.0%

ACCURACY

±2.0%

RESOLUTION

0.1%

KEY FEATURES

- Intuitive meter, easy to use with battery indicator.
- Large LCD display for comfortable viewing of parameters.
- Polarographic probe with built-in temperature sensor.
- Approximately 150 hours of continuous use without backlight.
- Auto-power off, reset and hold functions.

STANDARD ACCESSORIES

- Dissolved oxygen probe
- DO membrane cap
- DO electrolyte solution
- Electrode clip
- Carrying case



Finland Technology