

AD630

Dissolved Oxygen & Temperature Waterproof Meter with Galvanic Probe

AD630 is a heavy-duty portable waterproof meter for DO (Dissolved Oxygen) and temperature measurements, designed to provide laboratory results and accuracy even under harsh industrial conditions.

Main features include:

- DO readings displayed in ppm or % saturation units
- DO calibration at 1 or 2 standard points (0 and 100%), or at 1 custom point (>20%)
- Galvanic DO probe with built-in temperature sensor
- Automatic temperature compensation
- Log-on-demand
- Setup mode for setting altitude & salinity compensation factors, temperature measure unit (°C or °F), serial communication parameters, date & time, auto-off, instrument

ID code

- HOLD feature to freeze stable reading on the LCD
- GLP feature to view last calibration data
- PC interface via RS232 port

Galvanic probe: Unlike polarographic probes, Galvanic DO probes do not require any conditioning time when the unit is switched on, saving time when many measurements are required.

AD630 offers high performance at an affordable price!

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Range	0.00 to 45.00 ppm O ₂ 0.0 to 300.0 % saturation 0.0 to 50.0°C / 32.0 to 122.0°F
Resolution	0.01 ppm / 0.1% 0.1°C / 0.1°F
Accuracy	±1.5% f.s. (DO) ±0.5°C / ±1.0°F
DO calibration	Automatic, at 1 or 2 standard points (0 and 100%) or 1 custom point (> 20%)
Temperature calibration	User offset adjustment
Temperature compensation	Automatic from 0 to 50°C
Altitude compensation	0 to 4000 m (resolution 100 m)
Salinity Compensation	0.0 to 50.0 g/l (resolution 0.1 g/l)
Log-on-demand	Up to 100 samples
PC Interface	RS232 port
Probe (included) AD8001/3	galvanic DO probe with built-in temperature sensor, DIN connector and 3 m cable
Environment	0 to 50°C (32 to 122°F) RH max. 100% non-condensing
Power Supply	4 x 1.5 V AA, alkaline battery
Battery Life	Approx. 200 hours of continuous use
Auto shutt-off	User selectable: 5 minutes or disabled
Dimensions	188 x 96 x 70 mm
Weight	460 g



Accessories

- AD8001/3** Galvanic DO probe with built-in temperature sensor, DIN connector and 3 m cable
AD8001A/P Spare membrane with O-ring (5 pcs)

Supplied complete with

Supplied with:

- AD8001/3** galvanic DO probe with built-in temperature sensor, spare membrane with O-ring,
A9072S electrolyte solution (30 ml bottle),
AD9551 serial communication cable, 1.5V AA alkaline battery (4 pcs) and user manual.