

Portable Dissolved Oxygen Meters

Optical or Polarographic Type Probes

- ◆ Water Quality Testing
- ◆ Aquaculture
- ◆ Wastewater
- ◆ Environment
- ◆ Groundwater
- ◆ Surface Water
- ◆ Food and Beverage
- ◆ Process Control
- ◆ Oceans etc.

Y600-A Optical Dissolved Oxygen Meter



AR8406 Polarographic Dissolved Oxygen Meter



Advantages of Optical:

- No oxygen consumption
- No flow rate limitations
- No H₂S interference
- No membrane
- No electrolyte
- No electrodes
- Low maintenance
- Fast response
- Better stability
- Low drift

Model	Y600-A	AR8406
Probe Type	Y506-A IP68 Optical dissolved oxygen sensor Probe size: 180mm x 16mmØ on 5m cable Supplied with sensor protection shield Quick and easy sensor cap replacement	IP68 Polarographic type probe Probe size: 130mm x 24mmØ on 3m cable Requires regular calibration to correct drift Frequent servicing of probe and electrolyte
Meter	IP67 Waterproof multi-function meter (can be used with other optional probes)	IP54 Splash and dust resistant
DO Range	0.00~199.99% and 0.00~19.99mg/L	0.0~199.9% or 0.0~30.0mg/L
Temperature	0 ~ 50°C (automatic compensation)	
Accuracy	±1% of FS / ±0.2°C	±3% of FS / ±0.5°C
Pressure	Built-in sensor (50~115kPa) Automatic pressure correction	Manual altitude correction
Salinity	Manual Salinity compensation	
Calibration	One or two points (Standard Air 100.0%SAT and optional 0%SAT)	
Data Logger	Memory for 5000 data sets USB transfer as CSV file	99 Readings, manual recall on LCD
Power Supply	2 x 18650 rechargeable batteries (charger not included, use any USB type)	4 x AAA alkaline batteries
Weight (without batteries)	approx. 450g	approx. 140g
Dimensions (mm)	220 x 96 x 44mm	169 x 70 x 30mm
Accessories	c/w carry strap, Y506-A Optical probe with cap, protection shield, 2 x 18650 rechargeable batteries, USB cable and manual	c/w carry case, Polarographic probe, protection shield, spare membrane, 20ml electrolyte, 4 x AAA batteries & manual