

PRODUCT DATA SHEET



AR8406 DO Meter



Measuring dissolved oxygen is important in many applications because it is an indicator of the health of an aquatic ecosystem. Low levels of dissolved oxygen can be harmful to fish and other aquatic organisms, and high levels of dissolved oxygen can indicate the presence of pollutants or other environmental disturbances.

- Accurate measurement & more sensitive response
- Portable design Long probe 3.5 meters
- Large LCD Screen with backlight
- Compensation Function
 - 0~42ppt salinity compensation
 - 0~3500m altitude compensation
 - 0~60°C (ATC)
- Widely applicable to aquaculture, biological reaction, environmental detection, waste water treatment, laboratory field, medical field, etc.

Feature:

- > Dissolved oxygen range: 0.0~30.0 mg/L (mg/L)
- > Resolution: 0.1mg/L
- > Accuracy: $\pm 3.0\%$ of full scale
- > Dissolved oxygen correction: 100% oxygen in the air
- > Temperature measurement range: $-5^{\circ}\text{C}\sim 60^{\circ}\text{C}$
- > Temperature resolution: 0.1°C
- > Automatic shut-down: after one hour of inactivity
- > Temperature unit switch: $^{\circ}\text{C}/^{\circ}\text{F}$
- > Automatic temperature compensation ATC: support
- > Altitude compensation: 0~3500m
- > Probe wire length: About 3.5 meters
- > Power supply: 4*1.5V AAA battery

SMART SENSOR 仪表 出厂检验报告
INSPECTION REPORT

产品介绍
Description: 溶解氧测定仪 (Dissolved Oxygen Meter)

仪器型号
Model No: AR8406

仪器编号
Serial No: 2411153

检验日期
Date of inspection: 2024-11-29

商标/品牌
Brand: SMART SENSOR 仪表

生产制造商
Name: 东莞万得电子科技有限公司
ARCO ELECTRONICS LTD

生产地址
Address: No. 1 Naqun Road, Shiliao, Humen, Xian, Dongguan City, Guangdong Province

说明
Directions:

1. 检验地点、环境条件:
Place and environmental conditions of the inspection:
地点: IQC Department 温度: 25°C~27°C 相对湿度: 50%RH~70%RH
Inspection take place Temperature RH

2. 本次检验的技术依据
Reference documents for the inspection: JJG 201-2008

检验结果
Results:

1. 结构/外观及包装: 合格
Appearance and packing: Pass

2. 技术特性参数:
Technical characteristic parameters:
功能参数

Parameter	标准值 Standard Value	测量值 Measurement Value	结论 Result
测量范围 Measure Value	(mg/L)	(mg/L)	PASS
精度 Unit: mg/L	0.08	0.06	PASS
	7.36	7.83	PASS

3. 检验结果: 合格
Inspection result: Pass

检验部门:
Inspected by:

ติดต่อ บริษัท นิโอนิกส์ จำกัด

27/85 ถนนสามวา แขวงมีนบุรี เขตมีนบุรี กรุงเทพฯ 10510

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