

# 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  
仪器名称: 溶解氧测定仪 (Dissolved Oxygen Meter)

仪器型号: AR8406  
仪器编号: 2011153  
Serial No.:  
检验日期: 2019-11-20  
品牌: SMART SENSOR 仪表  
生产制造商: 东莞万创电子有限公司  
Name: ARCO ELECTRONICS LTD  
生产地址: 广东省东莞市谢岗镇田寮村  
Address: No. 1 Baogun Road, Shuangjiazui Town, Dongguan City, Guangdong Province

1. 检验地点、环境条件:  
Place and environmental conditions of the inspection:  
地点: IQC Department 温度:  $25^{\circ}\text{C}\sim 27^{\circ}\text{C}$  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 200-2008

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: 标准值 Measurement Value 结论  
Parameter Standard Value Measurement Value Result

功能参数	标准值	测量值	结论
测量范围	(mg/L)	(mg/L)	
Measure Value	11.26	11.23	PASS
单位			
Unit: mg/L	9.88	9.86	PASS
	7.56	7.53	PASS

3. 检验结果: 合格  
Inspection result: Pass

检验部门: SMART SENSOR QC  
Inspected by:

ติดต่อบริษัท เนอนิคส์ จำกัด

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