

Water Quality Monitor for Maximum Deployment Times

- **Tipo de producto**
  Instalación fija

- **Parámetros medidos**
  Conductividad, nivel/profundida, clorofila, temperatura, oxígeno disuelto, turbidez

- **Puntos destacados**
  Diseñado específicamente para intervenciones de larga duración en aguas biológicamente ricas

- **Interface**
  RS-232

El WQM X es idóneo para el monitoring sin vigilancia y utiliza el control de caudal activo, el bloqueo de caudal pasivo, el bloqueo de luz, la inyección activa de biocidas e inhibidores pasivos para combatir de forma eficaz y segura la suciedad e incrustaciones en el interior y el exterior. Con la minimización de las incrustaciones, la excelente estabilidad de los sensores WQM se traduce directamente en una calidad excelente de los datos a largo plazo.

Measured Parameters

CONDUCTIVITY	
Range	0 ... 9 S/m
Accuracy	0.003 mS/cm
Resolution	0.00005 S/m

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Datos técnicos
Sea-Bird Scientific WQM

PRESSURE	
Range	0 ... 100 or 0 ... 200 m
Accuracy	0.1% Full Scale
Resolution	0.002% Full Scale

FLUORESCENCE	
Range	0 ... 50 µg/l
Accuracy	0.2% FS µg/l
Precision	0.04% FS µg/l 0.02% FS/deg C
Wavelength	EX/EM 470/695 nm

TEMPERATURE	
Range	-5 ... 35°C
Accuracy	0.002 °C

Resolution	0.001 °C
DISSOLVED OXYGEN	
Range	120% of saturation (200% upon request)
Accuracy	2% of saturation
Resolution	0.035% of saturation (0.003 ml/l at 0 C, 35 PSU)

TURBIDITY	
Range	0 ... 25 NTU
Accuracy	0.1% FS NTU
Precision	0.04% FS NTU
Wavelength	700 nm

ELECTRICAL	
Connector	MCBH-6-MP, MCBH-4-FS
Output	RS-232
Input	9 ... 16 VDC
Sample rate	1 Hz
Current draw	<100 mA Sampling 350 mA Peak < 50 µA Sleep

MECHANICAL	
Depth	200 m
Pressure housing	Acetal copolymer, ABS, PVC, titanium, copper
Dimensions	65.4 cm long x 18.5 cm max OD
Weight in air	5.4 kg
Weight in water	1.8 kg

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a. Oxygen range is relative to surface saturation.b. +/- 0.2 mg/l or 2% of reading, whichever is greater. c. Available measurement ranges: 0□30 ?g Chl/l, 0□10 NTU 0□50 ?g Chl/l, 0□25 NTU 0□50 ?g Chl/l, 0□100 NTU 0□75 ?g Chl/l, 0□200 NT	

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