

TECH SPECS

Performance

- Accuracy, precision: +/- 10%
- Deployment time: 3 months @ 6 samples/day
- Minimum sampling interval: 15 mins
- Eluent fluid: Potassium hydroxide (KOH)
- Range and Limit-of-Detection: Nitrite: 0.5–100 mg/L, 0.25 mg/L; Nitrate: 2.5–500 mg/L, 1.5 mg/L
- Manual calibration: On-site prior to deployment.

Physical dimensions and features

- External size: 23cm X 36cm X 57cm (enclosure size, without supporting cradle)
- Weight: 12 kg
- Portable (non-operational while being transported)
- Vertical/upright orientation in operation
- Integrated provision for mounting/securing to a fixed surface (floor, wall, etc.)
- Integrated carry handle and lockable hinged door
- Rugged construction: Impact, UV and corrosion-resistant

Power source

- 24Vdc input power, 50W max. rated power
- External power connection supplied with the product
- Integrated battery, for backup only
- (Coming Soon: Fully battery powered option available with Aquamonitrix® V2)

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User interfaces/Data output

- Wired output transmission: : MODBUS over Serial (RS232 / RS485)
- Option for wireless transmission
- Data communications via RS232, for commissioning/troubleshooting purposes

Environmental

- Operating temperature range: 5 to 55°C
- Sample temperature range: 2 to 50°C
- Operating humidity range: 10 to 90% relative humidity, non-condensing
- Storage temperature range: -20 to 60°C
- Storage humidity range: 10 to 90% relative humidity, non-condensing
- Altitude: Up to 2km above sea level
- IP rating: IP66 (IEC 60529)



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Alarms and indicators

- Tri-colour status LED

Regulations, Standards, Certifications

- CE mark, UL approval, REACH, Proposition 65 (California)