



## DropletSens™ Nitrate/Nitrite Online Analyser Specifications

- Based on established Griess test
- Nitrate and nitrite determined autonomously in series
  - Fully quantitative
- On-device standard for performance QC

### Analytical

|                       |   |
|-----------------------|---|
| Range                 | 0 - 100 mg/L NO <sub>3</sub><br>0 - 75 mg/L NO <sub>2</sub> |
| Detection Limit       | 0.19 mg/L NO <sub>3</sub><br>0.14 mg/L NO <sub>2</sub>      |
| Measurement Frequency | up to every 10 seconds<br>default setting is every 15 min   |

### Operational

|   |           |
|---|-----------|
| Temperature range                           | 0 - 35 °C |
| Power consumption*                          | 1.5 W     |
| * for continuous use measuring every 15 min |           |

### Physical

|        |         |
|--------|---------|
| Height | 440 mm  |
| Width  | 330 mm  |
| Depth  | 200 mm  |
| Weight | 10.5 kg |

### Communications

|              |  |
|--------------|--|
| Connectivity | RS232/RS485, Modbus, Bluetooth<br>SCADA compatible |
| Data output  | Remote streaming                                   |



### Installation and maintenance

- Requires pumped and filtered sample feed. Please contact us to discuss your specific installation
- Reagent change after 3 months if in continuous use
- Sample feed filter maintenance frequency depends on application; typically 3 months for environmental applications (turbidity ≤250 NTU)

