



DropletSens™ Ammonium Online Analyser Specifications

- Based on established Berthelot test & indophenol chemistry
- Total Ammonia Nitrogen determined autonomously via pH mediated conversion of dissolved ammonium into ammonia
 - Fully quantitative without drift
 - On-device standard for performance QC

Analytical

Range	0 - 2 mg/L NH ₃ -N (LOW) 0 - 30 mg/L NH ₃ -N (HIGH)
Detection Limit	0.03 mg/L NH ₃ -N (LOW) 0.3 mg/L NH ₃ -N (HIGH)
Measurement Frequency	up to every 10 seconds 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 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)