

Comparison:

NH6000sc vs. Amtax sc

Ammonium analyser with robust and lightweight filtration options



Feature	NH6000sc	Amtax sc
Reliable, proven Gas Sensing Electrode (GSE) technology Reliable GSE technology with automatic calibration, validation, and cleaning.	✓	✓
User maintenance made easy Reduce routine user maintenance frequency to only twice per year with optimised reagents and streamlined design.	✓	✗
Integrated compressor and pump for filtration module The compressor and sample pump for the filtration module are integrated into the analyser for easy installation and less mounting hardware required.	✓	✗
Grab sample for lab analysis comparison Improved consistency between online and lab data through an automatic sampling process that eliminates sample variables.	✓	✗
Validation procedure for standard solution Simplified quality assurance by using standard solution for validation.	✓	✗
Flow detection Increase confidence in your results with the ability to remotely check that your sample is consistently supplied to your analyser.	✓	✗
Improved predictive maintenance Maximise uptime with improved predictive diagnostics and the safety net of supportive maintenance workflows.	✓ Advanced Prognosys	✓ Basic Prognosys
Service protected A complete portfolio of field service plans to help you protect your investment and peace of mind.	✓	✓



	NH6000sc	Amtax sc
Technical specifications		
Measurement range	0.02 to 1000 mg/L NH ₄ -N	0.02 to 1000 mg/L NH ₄ -N
Detection limit	0.02 mg/L NH ₄ -N	0.02 mg/L NH ₄ -N
Dimensions (H x W x D)	991 x 575 x 425 mm	720 x 540 x 370 mm
Pump for filtration module	Integrated	External
Reagent replacement schedule		
2L reagent bottle	6 months	3 months
Standards solution 2L	6 months	3 months
Cleaning solutions	6 months	1- 2 months
Electrolyte	6 months	1-1.5 month
Membrane cap	6 months	2-3 months
Maintenance schedule		
Set of Wear Parts	12 months	12 months
Reagent Pump	x	12 months
Stirring Stick	x	12 months
Sealing for Overflow Vessel	x	12 months
Cleaning Pump	x	12 months
Stirring Motor	x	12 months
Membrane Cap and Eletrolyte	6 months	x
GSE Electrode	24 months	x
Dosing Pump	24 months	x