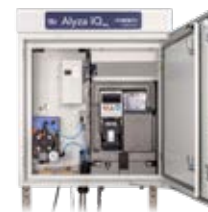




Ammonium Analyzer

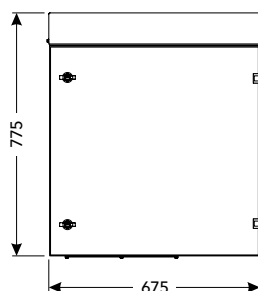
Alyza IQ NH₄ HR



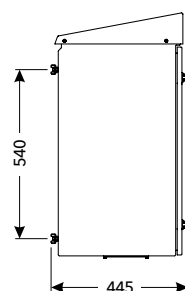
Analyzer to monitor the ammonium concentration in wastewater treatment plants and rivers - up to 150 mg/l, with automatic measuring range switch and trigger measurement.

We would like to inform you about the application range on our website

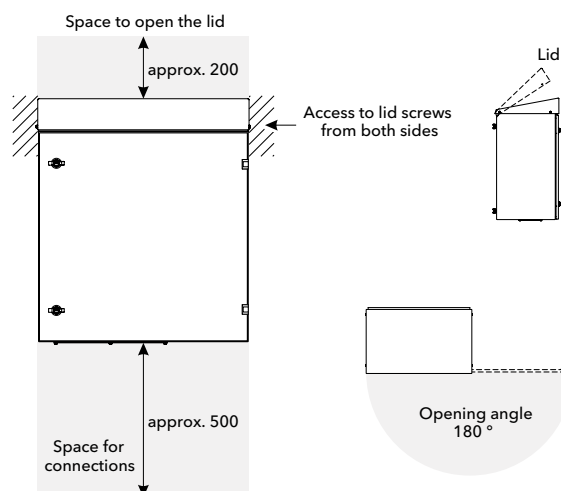
Front view:



Lateral view:



Required space



Model	Alyza IQ NH ₄ -120		Alyza IQ NH ₄ -121		
Measuring method	Berthelot method (Indophenol method)				
Measuring ranges		Displayed:	Resolution	Accuracy	
	MR 1:	0.020 ... 1.500 mg/l NH ₄ -N	0.000 ... 1.500 mg/l NH ₄ -N	0.001 mg/l NH ₄ -N	± 3 %. ± 0.06 mg/l
	MR 2:	0.020 ... 5.000 mg/l NH ₄ -N	0.000 ... 5.000 mg/l NH ₄ -N	0.005 mg/l NH ₄ -N	± 3 %. ± 0.06 mg/l
	MR 3:	0.02 ... 15.00 mg/l NH ₄ -N	0.00 ... 15.00 mg/l NH ₄ -N	0.01 mg/l NH ₄ -N	± 3 %. ± 0.06 mg/l
	MR 4:	0.05 ... 50.00 mg/l NH ₄ -N	0.00 ... 50.00 mg/l NH ₄ -N	0.05 mg/l NH ₄ -N	± 3 %. ± 0.15 mg/l
MR 5:	0.5 ... 150.0 mg/l NH ₄ -N	0.0 ... 150.0 mg/l NH ₄ -N	0.1 mg/l NH ₄ -N	± 3 %. ± 0.75 mg/l	
Measuring range switch	Automatic switch setable (AutoRange)				
Trigger measurement	Start measurement by external signal, also in combination with fixed measurement interval				
Sample streams/channels	1 channel, without filtration pump		1 channel, with filtration pump		
pH range	4 ... 9				
Sample temperature	+32 ... +122 °F (0 ... +50 °C)				
Filtration unit	Filter/PC, FM-Case/PC (please order separately)				
Cleaning	Automatic cleaning with cleaning solution				
Calibration/verification	Automatic 2-point calibration; optional verification at 50 % of the measuring range using a third standard solution (AutoCheck)				
Ambient conditions	Operational temperature: -4 ... +104 °F (-20 ... +40 °C); Storage temperature: -4 ... +122 °F (-20 ... +50 °C)				
Electrical connection	120 VAC / 240 VAC, 50/60 Hz				
Mechanics	Housing: powder-coated aluminum, UV resistant Overflow vessel: PMMA				
Weight	Approx. 81.6 lb (37 kg) (without liquids)				
Certifications	cETLus, CE				
Warranty	2 years				

Subject to technical modifications.

Model	Description	Order No.
Alyza IQ NH ₄ -120	NH ₄ analyzer, 1-channel, without filtration pump, with 5 measuring ranges, Indophenol method, connectable to the IQ SENSOR NET Systems 2020 and 282/284, provides 10 W to the IQ SENSOR NET; including 2 m SNCIQ cable, reagent sets need to be ordered separately	825020
Alyza IQ NH ₄ -121	like 825020, but with filtration pump	825021
MPV-2	MultiPortVentil 2 for Alyza IQ NH ₄ HR for conducting the liquids	827001
Chemistry (selection)		
R-Set NH ₄ /1-1	Reagents for Alyza IQ NH ₄ HR	827540
C-NH ₄ /1-1	Cleaning solution 1	827518
C-NH ₄ /1-2	Cleaning solution 2	827519
S-NH ₄ /1-XX	Standard solution for calibration and verification of 0.0 mg/l to 120 mg/l. Please visit our website for more information: https://www.xylymanalytics.com/en/general-product/id-1798/chemicals-alyza-iq-nh4	8275XX



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