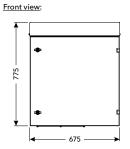
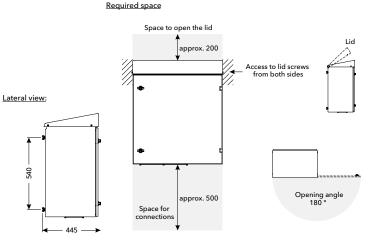
Orthophosphate Analyzer Alyza IQ

To control precipitant dosing and to monitor the outlet of a wastewater treatment plant with the IQ SENSOR NET (Systems 2020 and 282/284)

We would like to inform you about the application range







Technical Data

Model	Alyza IQ PO ₄ -111	Alyza IQ PO ₄ -112	Alyza IQ PO ₄ -121	Alyza IQ PO ₄ -122	
Measuring method	Molybdate vanadate method (Yellow method)				
Measuring range	MR 1: 0.02 15.00 mg/l PO ₄ -P Displayed: 0.00 15.00 mg/l PO ₄ -P		MR 2: 0.2 50.0 mg/l PO ₄ -P Displayed: 0.0 50.0 mg/l PO ₄ -P		
Resolution Accuracy	0.01 mg/l PO ₄ -P ±2 % ± 0.02 mg/l		0.05 mg/l PO ₄ -P ±2 % ±0.2 mg/l		
Sample streams/channels	1 channel	2 channel	1 channel	2 channel	
pH range	59				
Sample temperature	+39 +104 °F (+4 +45 °C)				
Solids contents	<6 g/l (before filtration)				
Filtration unit	Filter/PC, FM-Case/PC (please order separately)				
Cleaning	Automatic cleaning with cleaning solution				
Calibration	Automatic 1- and 2-point calibration				
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)				
Warranty	2 years				
Subject to technical modificat	tions. Availability expected for C	2 2019.			

Model	Description	Order No.
Alyza IQ PO ₄ -111	PO ₄ analyzer, 1-channel, with MR 1, yellow method, connectable to IQ SENSOR NET Systems 2020 and 282/28 provides 10 W to the IQ SENSOR NET; including 2 m SNCIQ cable, reagent sets need to be ordered separately	
Alyza IQ PO ₄ -112	PO_4 analyzer, 2-channel, with MR 1, yellow method, connectable to 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	
Alyza IQ PO ₄ -121	PO ₄ analyzer, 1-channel, with MR 2, yellow method, connectable to 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	
Alyza IQ PO ₄ -122	PO ₄ analyzer, 2-channel, with MR 2, yellow method, connectable to 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	
Reagent sets		
R-Set PO4/1-1	Reagents for Alyza IQ PO ₄ -X1X with MR 1	
R-Set PO4/1-2	Reagents for Alyza IQ PO $_4$ -X2X with MR 2	
SC-Set PO4/1-1_0/1	Calibration standards and cleaning solution for Alyza IQ PO ₄ -X1X with MR 1; Calibration standards with 0 mg/l and 1 mg/l	
SC-Set PO4/1-1_0/10	Calibration standards and cleaning solution for Alyza IQ PO ₄ -X1X with MR 1; Calibration standards with 0 mg/l and 10 mg/l	
SC-Set PO4/1-2_10/40	Calibration standards and cleaning solution for Alyza IQ PO ₄ -X2X with MR 2; Calibration standards with 10 mg/l and 40 mg/l	



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