

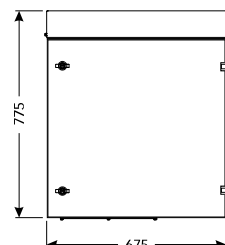
Orthophosphate Analyzer Alyza IQ

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

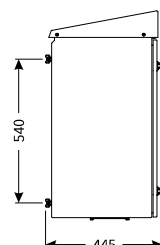
We would like to inform you about the application range on our website



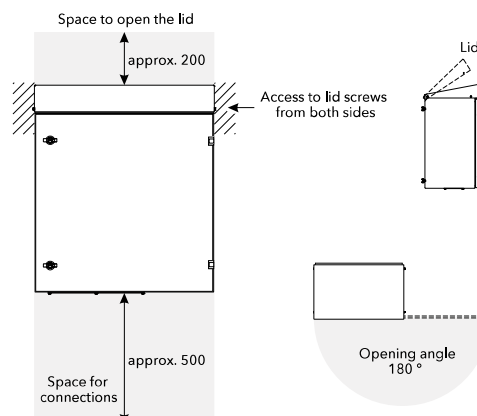
Front view:



Lateral view:



Required space



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 | 0.01 mg/l PO ₄ -P | | 0.05 mg/l PO ₄ -P | |
| Accuracy | ± 2 % ± 0.02 mg/l | | ± 2 % ± 0.2 mg/l | |
| Sample streams/channels | 1 channel | 2 channel | 1 channel | 2 channel |
| pH range | 5 ... 9 | | | |
| 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 modifications. Availability expected for Q2 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 282/284, provides 10 W to the IQ SENSOR NET; including 2 m SNCIQ cable, reagent sets need to be ordered separately | 825511 |
| 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 | 825512 |
| 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 | 825521 |
| 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 | 825522 |
| Reagent sets | | |
| R-Set PO ₄ /1-1 | Reagents for Alyza IQ PO ₄ -X1X with MR 1 | 827550 |
| R-Set PO ₄ /1-2 | Reagents for Alyza IQ PO ₄ -X2X with MR 2 | 827551 |
| SC-Set PO ₄ /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 | 827555 |
| SC-Set PO ₄ /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 | 827556 |
| SC-Set PO ₄ /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 | 827557 |