# WTW IQ SENSOR NET System
## Sensor & Parameter Guide

| Parameter / Sensors | TriOxmatic® 700 IQ (F) | FDO® 700/701 IQ (F) | SensoLyt® 700 IQ (F) | TetraCon® 700 IQ (F) | VisoTurb® 700 IQ (F) | ViSolid® 700 IQ | AmmoLyt® 700 IQ | NitraLyt® 700 IQ | VARiON® 700 IQ | NitraVis® 701/705 IQ (TS) | NitraVis® 701/705 IQ NI | CarboVis® 701/705 IQ (TS) | NiCaVis® 705 IQ (TS/SF) | NiCaVis® 701/705 IQ (NI) SF | UV 701/705 IQ SAC | UV 701/705 IQ NOx | IFL 700 IQ | Alyza IQ PO₄ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Usable with System 2020 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Usable with System 282/284 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Usable with System 181* | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | |
| Power consumption [W] | 0.2 | 0.7 | 0.2 | 0.2 | 1.5 | 1.5 | 0.2 | 0.2 | 0.2 | 8.0° | 8.0° | 8.0° | 8.0° | 8.0° | 8.0° | 8.0° | 5.5° | ** |
| **Temperature** | ■ | ■ | ■ | ■ | | | ■ | ■ | ■ | | | | | | | | | |
| **Dissolved Oxygen** (electrochemical) | ■ | | | | | | | | | | | | | | | | | |
| **Dissolved Oxygen** (optical) | | ■ | | | | | | | | | | | | | | | | |
| **pH** | | | ■ | | | | | | | | | | | | | | | |
| **ORP** | | | ■ | | | | | | | | | | | | | | | |
| **Conductivity** | | | | ■ | | | | | | | | | | | | | | |
| **Salinity** | | | | ■ | | | | | | | | | | | | | | |
| **TDS** | | | | ■ | | | | | | | | | | | | | | |
| **Turbidity** (optical) | | | | | ■ | | | | | | | | | | | | | |
| **TSS** (optical) | | | | | ■ | ■ | | | | ■ | | ■ | | | | | | |
| **Ammonium** (ion-selective) | | | | | | | ■ | | ■ | | | | | | | | | |
| **Nitrate** (ion-selective) | | | | | | | | ■ | ■ | | | | | | | | | |
| **Nitrate** (optical/spectral) | | | | | | | | | | ■ | ■ | | ■ | ■ | | ■† | | |
| **Nitrite** (optical/spectral) | | | | | | | | | | | ■ | | | ■ | | ■ | | |
| **Potassium** (ion-selective) | | | | | | | ■ | | ■ | | | | | | | | | |
| **Chloride** (ion-selective) | | | | | | | | ■ | ■ | | | | | | | | | |
| **COD** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | | | | |
| **BOD** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | | | | |
| **TOC** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | | | | |
| **DOC** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | | | | |
| **SAC** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | ■ | | | |
| **UVT** (optical/spectral) | | | | | | | | | | | | ■ | ■ | ■ | ■ | | | |
| **Sludge Level** | | | | | | | | | | | | | | | | | ■ | |
| **Orthophosphate** (optical/wet chemical) | | | | | | | | | | | | | | | | | | ■ |

*Sensors*

*Parameter*

* Can only be used with respective fixed cable sensor.
** Power delivery: Alyza IQ PO₄ provides 10W
° When operating with System 282/284, the average power consumption can be used. Details see operating manual System 282/284.
† Nitrite and Nitrate are included in the measured value.