



# Basic

Ex II 2G IIB T4

Art.-Nr.: 8092306

## Stationary Sampler for the ATEX-Zone 1

Stationary sampler made of durable stainless steel (AISI 304 optional AISI 316 Ti) for use in ATEX Zone 1 environments. The sampler can be provided with integrated cooling and heating, with the choice of peristaltic, vacuum pressure pump system, dosing slide, ball valve or bucket elevator pump.

The sampler offers time-, volume-, flow\*- and event-proportional sampling of individual and composite samples of waste water and water-based media.

\*Note - Flow-proportional sampling is only offered with the peristaltic pump option.



II 2G IIB T4



### Benefits

- **Multiple bottle configurations available.**
- Bluetooth interface for wireless connection to the **ORI Ex-Logger** (e.g. ORI Mlog) to read-out the data memory or to implement a firmware update via Bluetooth.
- Optional **Ex-GSM/GPRS Modem** to transfer protocol-, event-, status- or alarm-messages via email or SMS.
- No process air required.

## Extension to measuring station

The Basic Ex2 solid can be used in combination with the optional cable free ORI Ex-Logger for measurement parameters such as: pH, ORP, temperature, conductivity, DO, level. This makes it ideal for use for event based sampling. Water quality measurements are provided by the industry proven digital ISM® sensors from Mettler-Toledo, which guarantee stable and accurate measurement values.

## Maintenance friendly


Service flaps ensure that internal components can be easily accessed for maintenance.

## Optional Ex-Modem

Can be retrofitted with the optional **Ex-GSM/GPRS Modem** to transfer protocol-, event-, status- or alarm-messages via email or SMS.

Sampler remote start via SMS message

## Technical data: Basic Ex2 solid

ATEX marking	 <b>II 2G IIB T4</b>
Degree of protections	Cabinet IP 25 with cooling unit + ventilation grids IP 54 without cooling unit Control unit IP 65
Cabinet	Stainless steel cabinet with isolation AISI 304 optional AISI 316Ti
Dimension (HxDxB)	1870 x 800 x 820 mm
Weight	215 kg
Sampling method	Vacuum, optional with peristaltic pump, ball valve, dosing slide or bucket elevator pump
Distribution	Rotary distributor directly or with distribution plate (depends from bottle combination)
Bottle combinations	PE 1x25 L; 12x1.8 L; 12x2.5 L; 24x1.0 L, 4x10 L; Glass 24x0.5 L; 12 X 2 L; 24x1 L
Operation temperature	-20 °C ... 40 °C
Suction height	6 m
Kinds of sampling	Time-, volume-, event-proportional and manual flow-proportional with peristaltic pump
Bluetooth	Class 2 (2,5 mW/ca. 10 m Reichweite)
Nominal voltage	230 V AC +10 %; 50 Hz
Current consumption	max. 1.5 A
Power consumption	max. 350 VA



Presented by:

