

## AMI Trides

*On-line Monitor and Controller for Free Active Chlorine, Chlorine-Dioxide, Ozone, Bromine and Iodine.*

*Integrated pH Measurement for Automatic Calculation of Free Chlorine at Changing pH Levels.*

- *Wide measuring range: 0.01 to 5.00 ppm.*
- *Low drift: < 1% during 1 month.*
- *Fast response: 90% of change within 60 seconds.*
- *Maintenance-free self-cleaning 3-electrode-system.*
- *Monitoring of sample flow and cleaning efficiency.*
- *Automatic compensation of sample pH (on-line or off-line).*
- *Built-in PID controllers as relays or continuous mA output.*
- *Fieldbus interface including Profibus DP and Modbus protocols.*
- *Complete panel mounted system; tested, calibrated and ready for operation.*



*Reagent-free Disinfectants Monitoring*

*Monitor AMI Trides  
Data Sheet No. DenA26111000*



# Reagent-free Disinfectants Monitoring

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Monitor AMI Trides  
Data Sheet No. DenA26111000

## Analytical System

- Ozone  
0.005 - 1.000 ppm  
HOCl, free chlorine  
0.01 - 5.00 ppm  
Chlorine dioxide, iodine, bromine  
0.01 to 3.00 ppm (HOCl)
- Fluidic system with overflow cell design for constant sample flow
- Sample flow monitoring
- Low sample consumption (less than 10 l/h)
- Automatic sensor cleaning
- Maintenance-free 3-electrode system
- Automatic temperature compensation

## Transmitter / Controller

- Rugged aluminium housing IP66
- Easy full text menu guidance
- Internal data logger
- Programmable PID controllers
- 2 free programmable signal outputs (4 - 20 mA)
- 2 potential free contacts programmable as PID controllers, limit or alarm switches
- Internal data logging including alarms, events and calibration data

## Options

- pH sensor for online pH compensation
- Profibus/Modbus communication
- USB data logger
- 3<sup>rd</sup> signal output (4 - 20 mA).

Made in Switzerland 

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ANALYTICAL INSTRUMENTS