



Reliable Online Monitoring  
of Pharmaceutical Water



## Total Organic Carbon



### AMI LineTOC

Online monitoring for Total Organic Carbon according to USP <643> and EP 2.2.44

- Reagent-free operation for fast trend identification without costly lab analysis
- Automatic performance verification (SST) and function test
- Integrated grab sample function

Total Organic Carbon (TOC)  
0-1000 ppb

## Ozone



### AMI Codes-II O<sub>3</sub>

Photometric ozone measurement per DIN 38408-3

- Reliable measuring results without sensitivity loss even after longer absences of ozone
- Automatic zero point calibration before each measurement guarantees high reproducibility at low detection limit (1 ppb)
- Simple system function verification with optical filter set

Ozone  
0-500 ppb

## Conductivity



### Pharmacon

AMI/AMU transmitters and sensors for monitoring of conductivity

- Uncompensated conductivity with limit alarms according to USP <645> and EP
- Temperature compensation available as non-linear function or by coefficient
- Flexible installation options for sensors by clamp connection or ¼" NPT thread and for transmitters with standardized design

Conductivity  
0.055-1000 µS/cm



### AMI Inspector

Portable verification of your installed online conductivity meters

- High accuracy online measurement with 3.1 Certificate
- USB data-logger interface and rechargeable battery for self-sufficient operation up to 24 hours
- Transmitter test with high accuracy resistors and manufacturer recertification available

Conductivity  
0.055-1000 µS/cm



## Swan AMI Monitor Concept



Swan instruments are delivered as fully functional, ready-to-use instruments. This ensures easy system integration as well as user-friendly operation and maintainability.

Highest standards in development and production assure the instrument quality expected by our customers.

**SWISS  MADE**

### Full System Integration

- Validation packages for straightforward instrument qualification available
- Various communication possibilities with Profibus, Modbus, HART-Protocol, USB-interface and analog output
- Simple process engineering with regulation functions (P, PI, PID or PD), relay or analog output

### Easy Maintenance

- Uniform menu navigation for easy operation and maintenance – one platform for all instruments
- Clearly arranged setup of instruments, good accessibility of all components for efficient maintenance
- Self-explanatory maintenance procedures can be easily performed by the operating company

### Highest Quality Assurance

- Every analyzer is wet bench tested and factory calibrated prior to delivery
- Automatic instrument diagnostics such as reagent level and sensor functions for validated results
- Integrated flow control for validity check





- Swan Headquarters
- Swan Subsidiaries
- Distributors

