



## Process Gas Analysis

### CONTHOS 2

#### Process Gas Analyzer based on Thermal Conductivity

Gas analyzer based on thermal conductivity (TCD), primarily for used for H<sub>2</sub>-analysis. Enhanced patented TCD-measuring principle.

- quick response (T<sub>90</sub>: approx. 2 sec)
- corrosion-resistant TC-detector
- TC-detector high-temperature (up to 180°C)
- high flow-rate independence



### pControl 2F Backpressure Controller for process gas analysis instrumentation

- Eliminate pressure errors at the source.
- Precise pressure control under extremely wide range of gas flow.



## Process Water Analysis

### TOC-800 On-line Process TOC-Analyzer

#### continuous on-line TOC analysis

- high temperature combustion with photometric CO<sub>2</sub>-analysis
- high reliability
- low maintenance requirements
- quick-change reactor system
- long-life, low-maintenance and corrosion-resistant metering pump
- user-interface and status contacts based on NAMUR recommendations



### Sample Filter with Ultrasonic Cleaning

#### for on-line water analysis

- corrosion resistant cross-flow filter assembly (PVDF/Hastelloy®)
- timer controlled ultrasonic irradiation of filter element
- dependable & low maintenance
- constant filter conditions



### Ultrasound Cleaning System

#### for process pH-electrodes

- cross flow vessel for up to 3 process pH-electrodes
- timer controlled ultrasonic irradiation of pH-electrodes
- water-protected (IP66), wall-mounted control unit



## Components

### Analysis Cells

#### for Process IR- & UV- Photometers

- High corrosion- and temperature-resistant analysis cells for the BINOS® process photometer system



### Specific Density Transducer

- OEM-Transducer with integrated electronics
- Specific gravity analysis in gases using acoustical method
- Range: 0 - 2 SG or 0.2 - 2.2 SG (specific gravity SG<sub>Air</sub> = 1)

