



robecco **RWS**

PRODUCT INFORMATION

robecco RWS compact is an extractive gas warning system which is used for the continuous measurement of gases. The compact design allows the installation at the measuring point at low space conditions.

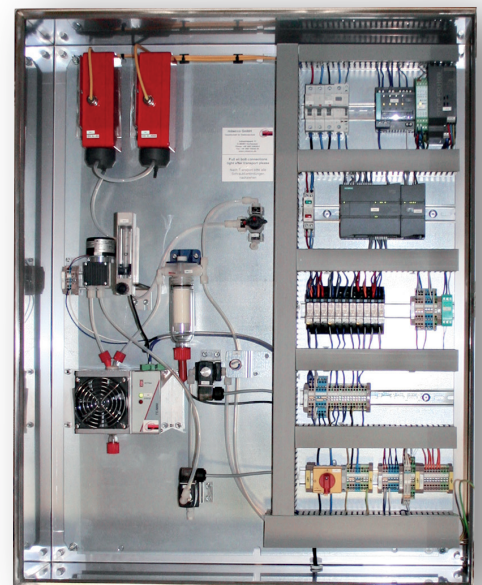
new!

APPLICATION

- Measurement of gases like CO and O₂ as parameters for preventive explosion protection
- Operational measurement of gases like CH₄, NO₂, CO₂, other gases on request.
- Optional extras: Measurement of temperature, liquids and pressure
- Gas warning system for stationary monitoring
- Monitoring of environmental atmospheres
- Room monitoring for work areas

FIELDS OF APPLICATION

- Cement Industry
- Power plants
- Chemical Industry
- Waste incineration plants



CHARACTERISTICS

- Integrated high level gas conditioning management with gas cooler, filter element, gas pump, flow and liquid sensor
- Integrated filter blow back system for high dust contaminated processes
- Installation directly at the measuring point
- Installation at ATEX Zone 22
- Short gas sampling lines and associated low sample line costs
- Very short sample ways and T₉₀ time
- Interface: 4...20mA, optionally Profinet or Profibus DP

LET'S PLAY IT SAFE!

PRODUCT INFORMATION

TECHNICAL DATES

Housing:	Stainless steel 760 x 760 x 300mm (WxHxD)
Weight:	75 kg
Protection Class:	IP65
Power supply:	230V AC/500 W (without heater)
Ambient temperature:	+5°C...+35°C (optional air conditioning system available)
Gas sampling power:	180 NI/h
Internal filter Porosity:	2µm
Gases:	CO, O2, CH4, CO2 (others on request)
Measuring principle:	Infrared/electrochemical
Interfaces:	4...20mA, (optionally Profinet / Profibus DP)

EQUIPMENT

MOUNTING FRAME



PROCESS FILTER and SAMPLE PIPE

Filter length: 200mm, Filter porosity: 5µm, max. temp.: 550°
Sample pipe available in 500mm und 1,000mm lengths.



Sample line **robecco RSL**

Ready-made sample lines with self-regulating heating tapes of various performance categories.
Using in ATEX zones possible.



sample probe **robecco RSP-1**

Gas sample probe, heated with blowback.
Compressed air vessel 2l, 2µm filter element
Using in ATEX zones possible.