

APPLICATION QUESTIONNAIRE

The details of the questionnaire serve as a basis of the quotation, the project planning and the order confirmation. Please fill in the following questions completely.

* Obligatory fields, please fill in

Customer

Company: *

Address: *

ZIP code: *

Name: *

E-mail: *

Phone *

Location: *

Date: *

Industry

- Sector:

Project

- Plant/process: *

Project no.:

- Measuring point:

- Description:

- Name:

Date, Signature

Measuring point

- Measuring point:

- Measurement:

Gas analysis

Dust measurement

Volume flow measurement

Emission data acquisition

APPLICATION QUESTIONNAIRE

* Obligatory fields, please fill in

Plant conditions

- Measuring gas:

	wet	dry	wet and dry operating conditions	
	min	normal	max.	
• Gas/operating temperature:*	°C	°C	°C	
• Gas /operating pressure:*	hPa	hPa	hPa	
• Ambient temperature:*	°C	°C	°C	
• Rel. humidity max. annually:	%	%	%	

- Mount. location hazard. site:*
- Aggressive atmosphere:*

	Analyzer/system		Sample gas line		Sampling point	
Mount. location hazard. site:*	No	Yes, zone:	No	Yes, zone:	No	Yes, zone:
Aggressive atmosphere:*	No	Yes, zone:	No	Yes, zone:	No	Yes, zone:

- Explosive measuring gases?:* In normal condition
- With air

No Yes
No Yes

Plant details

- Mounting location:*
- Weatherproof required?:*
- Material of duct/stack:*
- Duct conditions:*

Mounting location:*	Indoor	Outdoor		
Weatherproof required?:*	No	Yes		
Material of duct/stack:*	ST37	Stainless steel	Other	
Duct conditions:*	Round	Inner diameter	m	Outer diameter
	Rectangular	W: m		H: m

- Wall thickness:*
- Insulation width:*
- Double-walled:*
- Inside coating:*
- Inlet/outlet path:*

Wall thickness:*	mm	
Insulation width:*	mm	
Double-walled:*	No	Yes, please attach dimensional drawing
Inside coating:*	No	Yes
Inlet/outlet path:*	Unhindered inlet path:	m
	Unhindered outlet path:	m

- Profile influences:
- Duct direction:*
- Special conditions (climate):

Profile influences:	No	Yes, with
Duct direction:*	Vertikal	Horizontal
Special conditions (climate):		Other

Measuring task

Emission monitoring:

- Legal directives:

Process control:

LEL measurem. (Inline only):

Other:

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Details of measuring point

- Power supply: * PE available N available Type:
- Purge air unit (option): PE available N available Type:
- Analog output: * 4 ... 20 mA Other:
- Digital data interface: *
Version:
Bus protocol:
- Instrument air available: * No Yes: hPa
- Flange material: * ST37 Stainless steel:

Measuring components

Component	Measuring range	Unit
<input type="text"/>	<input type="text"/>	<input type="text"/>

Gas matrix

Matrix component	Min.	Normal	Max.	Unit
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Total

If total < 100 % rest is assumed as N₂

- | | Qty | mg/m ³ | Form | Grain size |
|-------------------------|----------------------|----------------------|----------------------------------|----------------------|
| • Dust/solid content: * | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| • Corrosive parts: * | No | | Yes, which: <input type="text"/> | |
| • Aerosoles: * | No | | Yes, which: <input type="text"/> | |

APPLICATION QUESTIONNAIRE

Measuring system

* Obligatory fields, please fill in

Gas analysis

	Extraktive measurement	In-situ measurement	No preference
• Design/enclosures:	free standing cabinet	wall mounted cabinet	Mounting plate
• Sampling unit available? *	No	Yes, which:	
• Gas sampling line:	Length: m	customer provided	
• Meas. container required? *	No	Yes	
• Measuring gas return: *	No	Yes Length: m	Back pressure: hPa
• Delivered with test gases? *	Extraktive measurement	In-situ measurement	No preference
• Meas. point switch-over: *	No	Yes, amount:	

Dust Measurement

No information required, if all obligatory fields are filled in.

Volumenstrommessung

No information required, if all obligatory fields are filled in.

Emission data acquisition

• Data acquisition:	Data acquisition unit (with temporary data storage)	
	Signal conversion (MODBUS, no temporary storage)	
• Remote data transfer: *	No	Yes
• Remote maintenance:	No	Yes
• Analog signals to be registered:	Amount (provided by customer)	
• Digital signals to be registered:	Amount (provided by customer)	
• Connection to the process control system?	No	Yes, using: