O N L I N E G A S A N A L Y Z E R S E X P E R T

**QUESTIONNAIRE**

To offer the most suitable solution for your application, we request the following additional information.

1. **Could you please briefly describe your application and/or need?**
2. **Do you currently have an existing solution? If yes, please provide details**
3. **In which fields are you involved ?**
4. **Which compounds do you want to analyse? Please specify the targeted concentration and concentration range for each compound.**

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| --- | --- | --- | --- |
| **Compounds list** | **Low concentration range** | **High concentration range** | **Required LOQ** |
| *Benzene* | *0.5* | *45 µg/m3* | 0.05 µg/m3 |
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1. **Do you need to analyse multiple point with same analyser? If yes please specify number of stream and targeted concentration by stream for each compound**

**Stream 1**

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| --- | --- | --- | --- |
| **Compounds list** | **Low concentration range** | **High concentration range** | **Required LOQ** |
| *Benzene* | *0.5* | *45 µg/m3* | *0.05 µg/m3* |
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**Stream 2**

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| **Compounds list** | **Low concentration range** | **High concentration range** | **Required LOQ** |
| *Benzene* | *0.5* | *45 µg/m3* | *0.05 µg/m3* |
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**Stream 3**

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| **Compounds list** | **Low concentration range** | **High concentration range** | **Required LOQ** |
| *Benzene* | *0.5* | *45 µg/m3* | *0.05 µg/m3* |
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**Stream 4**

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| **Compounds list** | **Low concentration range** | **High concentration range** | **Required LOQ** |
| *Benzene* | *0.5* | *45 µg/m3* | *0.05 µg/m3* |
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1. **What is your required cycle time?**
2. **Where will the equipment be installed?**
	1. Laboratory with air conditioning? [ ]
	2. Shelter with air conditioning? [ ]
	3. Industrial building? [ ]
	4. Outside? [ ]
		1. If outside please specify the temperature range of the site during the year
	5. Hazardous area? [ ]
		1. ATEX
			1. Zone 2 [ ]
			2. Zone 1 [ ]
		2. IECEx
			1. Zone 2 [ ]
			2. Zone 1 [ ]
		3. CSA
			1. Class 1 Division 2 [ ]
	6. Other?  [ ]
3. **What type of communication protocol is required for data transfer?**
	1. MODBUS: [ ]
	2. 4-20mA [ ]
	3. Other [ ]

1. **Do you need alarm notifications? I yes please select type.**
	1. Default instrument with dry contact [ ]
	2. Default instrument by MODBUS [ ]
	3. Concentration alarm with dry contact [ ]
	4. Concentration alarm by MODBUS [ ]
	5. Other? [ ]
2. **Does customer need any calibration option?**
	1. Internal CALIB with permeation tube [ ]
		1. Single concentration point? [ ]
		2. Multiple concentration point? [ ]
	2. Automatic zero [ ]
	3. Cylinder inlet for one concentration [ ]
	4. Cylinder inlet for multiple concentration[ ]
3. **Does the customer need any of the following generators?**

Zero air generator (for FID flame and air carrier gas) [ ]

Hydrogen generator (for FID flame and H2 as carrier gas) [ ]

Nitrogen generator (for N2 carrier gas) [ ]

1. **Are any of the following certifications required?**

[ ] mCERTs [ ] GOST [ ] ASTM [ ] CNR [ ] Other: \_\_\_\_\_\_\_\_\_\_\_

1. **What is the expected delivery date?**
2. **Do you have a targeted budget for this project?**
3. **Are there any remarks or comments on the application you would like to share with us?**

**In case of process, emission/channelled source or pure gas (not regular air quality monitoring) applications, please specify:**

1. **Please specify the detailed gas composition with compounds and concentration for compounds measured and not measured.**

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| --- | --- | --- |
| **Compounds list** | **Low concentration range** | **High concentration range** |
| *Benzene* | *0.5* | *45 µg/m3* |
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1. **What is the temperature and pressure of the incoming gases?**

Temperature in °C:

Pressure in bar:

1. **What is the length and internal diameter of each sampling line?**
2. **What is the humidity of the sample?**

Humidity in %:

1. **What is the particles size and concentration in the sample ?**