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 ?**