**Please provide the following information to help us provide a system that exactly suits your requirements.**

**Please don’t hesitate to contact us if you have any questions or if you need help filling out this questionnaire.**

|  |  |  |
| --- | --- | --- |
| **CUSTOMER:**  **Company**  **Contact name**  **Address**  **City, State, Zip code** | Email: | **your email address** |
|  |
| Phone: | **your phone number** |
|  |
| Date: | **Date** |

|  |  |  |
| --- | --- | --- |
| **Industry:** |  | ***Others \*1*** |

**GAS COMPOSITION: ALL elements present in the gas mixture must be listed! / ALL non-listed gases may affect the warranty of the analyzer!**

***NOTE: If more than one gas sample port is chosen, the gas composition for each additional gas sample port must be specified!***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Gas components** | **Concentrations** | | | | **Comments** |
| **Ranges at 1 ATM or other ….** | **Min** | **Max** | **Nominal** | **Units** |
| **CH4 – Methane** | **---** | **---** | **---** |  |  |
| **CO2 – Carbon dioxide** | **---** | **---** | **---** |  |  |
| **O2 – Oxygen** | **---** | **---** | **---** |  |  |
| **H2S – Hydrogen Sulfide** | **---** | **---** | **---** |  |  |
| **CO – Carbon monoxide** | **---** | **---** | **---** |  |  |
| **If known, please complete below:** | | | | | |
| **H2 – Hydrogen** | **---** | **---** | **---** |  |  |
| **Relative humidity** | **---** | **---** | **---** |  |  |
| **N2 – Nitrogen** | **---** | **---** | **---** |  |  |
| **NH3 – Ammonia** | **---** | **---** | **---** |  |  |
| **H2O – Water vapor** | **---** | **---** | **---** |  |  |
| **Inert gases (He, Ar, etc.) ---** | **---** | **---** | **---** |  |  |
| **Alkanes (Acetylene, Ethene, etc.) ---** | **---** | **---** | **---** |  |  |
| **Others: ---** | **---** | **---** | **---** |  |  |

**Sampling point details: Analyzer mounting site details:**

|  |  |  |  |
| --- | --- | --- | --- |
| location |  |  |  |
| ambient temperature | **min.       max. (°F)** | location |  |
| gas pressure | **min.       max. (inH2O)** | ambient temperature | **min.       max. (°F)** |
| gas moisture |  | number of additional switched sampling points  max 10 SWG 100 BIO  max 3 SWG 100 BIO compact  max 4 SWG 100 BIO EX | (1 to 9)  (1 to 2)  (1 to 3) |
| flame arrestor at sampling point |  |
| shut-off valve at sampling point |  | analog output module 4channel 4-20mA for each sampling point |  |
| condensate drain at sampling point |  | gas pressure at analyzer inlet 1 | **min.       max. (inH2O)** |
| size of sampling line tube to analyzer | **/       mm (ID / OD)** | gas pressure at analyzer inlet 2 | **min.       max. (inH2O)** |
| sampling line with freeze protection |  | gas pressure at analyzer inlet x | **min.       max. (inH2O)** |
| material of sampling line |  | power supply | **VAC       Hz** |

**Analyzer measurements: Optional analyzer equipment:**

|  |  |  |  |
| --- | --- | --- | --- |
| **CH4** and **CO2** NDIR measurement |  | Electric gas cooler  ***(with automatic condensate draining pump)*** |  |
| **O2** measurement [25%]  With long Life EC cell |  | RS485 to Profi-Bus converter |  |
| **H2S** measurement |  | RS485 to Ethernet converter |  |
| Sensor protect H2S \*1 |  | Module with 4chanel 4-20mA analog output and 2 alarm relays |  |
| Dilution system for H2S sensor |  | Analyzer external control via 4x contacts |  |
| **How of the / long are you planning to measure?** |  | Cabinet heater for freeze protection |  |
| **H2** measurement [1,000ppm (2,000ppm overload)]  with EC cell |  |  |  |
| **CO** measurement [4,000ppm (10,000ppm overload)]  with EC cell |  |  |  |
| ***\*2 Note: useful only for landfill sites, to detect underground fire*** | |  |  |

**Additonal comments:**

**Email this questionnaire to:**

**We will be more than happy to send you a quotation for the above-chosen Analyzer and Options. If you have any questions regarding this Analyzer or any other of our Analyzers and Instruments, please feel free to contact us at any time.**