Competence

The complex gas analysis area within the biogas topic requires a comprehensive know-how. Already before the outsourcing from the Fresenius group in 1992 the topics biogas, sewage gas and landfill gas were part of the daily business of Fresenius Umwelttechnik.

We could obtain our know-how within the last 20 years by the cooperation in most varied projects of biological and chemical analysis (Institut Fresenius), the development of new biogas process- and systems engineering (IMK Anlage) or for example by attending diverse relevant research projects of different universities (Essen, Bochum, Hohenheim). Thus our products are the result of intensive research and development work on all application layers! Our products are not only measuring instruments but application solving. Please test our know-how and assure yourself of our capability!
For immisions and emissions measurement technology, we are your competent partner for every project in the bio-gas analysis sector, based on 15 years of biogas experience!

Fresenius Umwelttechnik GmbH originated from the Fresenius Chemical Laboratory, which was founded by Carl Remigius Fresenius in 1848. Over more than 150 years of the company’s history, Fresenius has developed into one of the leading business groups dealing with chemical, biological, and physics-analysis and a leading provider of consulting services.

Already in 1989, increasing demand in the area of the environment led to the development of new technical solutions in testing and on-the-spot gas measurement with regard to the environment and contamination.

Thanks to the increasingly complex demands of the market, the company’s environmental department became its own freestanding business in 1992 called Fresenius Umwelttechnik GmbH.

We are currently engaged process orientated in multitude areas of process measurement technology, environmental area or also personal security from the development via the production to the distribution of gas measurement systems for the immisions and emissions areas.

Who we are
For immisions and emissions measurement technology, we are your competent partner for every project in the bio-gas analysis sector, based on 15 years of biogas experience!

Advantages
Measurement of CH₄ and CO₂ via patented and long-run stable infrared measurement procedures. The measurement of O₂ and H₂S is effected with electrochemical sensors. An intelligent control provides here the longevity of the sensors. Further the system includes an internal measuring data recording for the later analysis of the measuring data. The BioBasic may be operated manually as well as automatically.

The individual adaptability of the interfaces allows for example an easy implementation of the measuring data to an external process control.

Profitableness
In the entire consideration of price, operating and service costs as well as durability BioBasic is „guaranteed“ lower priced than every other comparable product which is currently available on the market!

We are pleased to provide you with a non-binding offer.

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