



# GAM 200

## ***GAM 200***

Multicomponent  
Online Gas Analyser

The ***GAM 200*** is a mass spectrometer for fast and precise multicomponent online gas analysis. The intelligent multiport gas inlet system and the compact design makes it easy to work in an industrial process environment as well as in the laboratory or for engineering projects.

The ***GAM 200*** is designed as a benchtop instrument or can be installed in a standard industrial rack.



# GAM 200

## System

- Computer controlled mass spectrometer
- Faraday and SEM detection
- Gas inlet for atmospheric pressure and other pressure ranges
- Compact design as a benchtop system or rack mounted
- **InProcess**Quadstar software
- 64 channels for aquisition of ion currents, concentrations and external data
- Several measuring methods:  
Qualitative – Scan Analog, Scan Bargraph  
Quantitative – MID, MCD with matrix solution for peak interferences
- Automatic measuring and data evaluation programs
- Interfacing options to different analysers

## Technical data

### Mass range

1 - 100 or 200 amu

### Electrical requirements

Main voltage 115/230V, 50/60 Hz,  
others on request;

### PC / software

Microsoft Windows® based

### Interfaces

Singleport gas inlets, optional with  
operating temperature up to 200°C;

Multiport gas inlet for  
4, 8 and 16 gas streams;

Ethernet / RS232 to PC  
others on request

### Dimensions

500 x 550 x 945 mm (w x d x h)

### Weight

approx. 100 kg

### Environment

Temperature < 35°C  
rel. Humidity < 80 %

## Advantages

- **Specific and sensitive gas analysis**
- **Multicomponent analyser**
- **Large dynamic measuring range**
- **High reproducibility**
- **Fully automatic analysis due to an intelligent multiport gas inlet**
- **Small footprint**
- **Attractive price/performance ratio**



**IPI** InProcess  
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