



# LGA 407

## **LGA 407** Lamp Gas Analyser

The **LGA 407** is specially designed to meet the increasing demands of the lamp industry in R&D and also in trouble shooting for a specific lamp fabrication line or monitoring constant product quality.



# LGA 407

## Technical data

### Mass range

1-300 amu

### Detector

90° off axis SEM

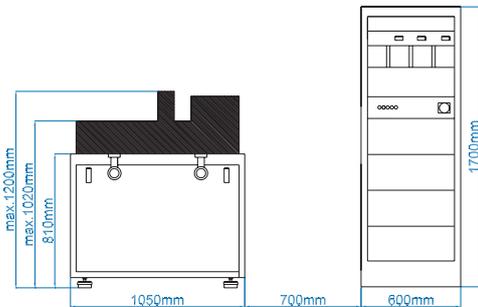
### High performance cross beam ion source

### Weight

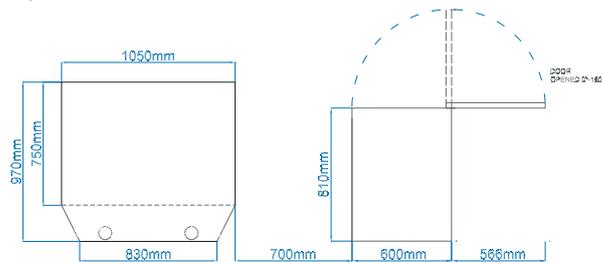
approx. 300 kg

### Dimensions (mm)

front view

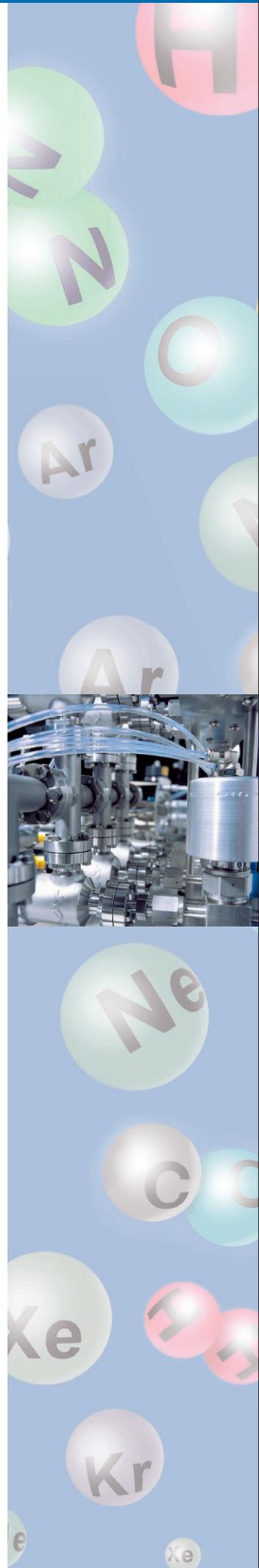


top view



## For quality control and R&D in lamp production and development

- Determination of total and partial pressure of the gas filling and qualitative analysis of lamp gas composition
- Quantitative gas analysis of main components as well as of traces down to the sub-ppm range
- Automatic system calibration, sample analysis, data processing and analysis report
- Lamp breaking chamber and sample holders (on request) according to requirements
- Optional lamp magazine (on request) for up to 8 lamps of mixed types



**IPI** InProcess  
Instruments

InProcess Instruments  
Gesellschaft für  
Prozessanalytik mbH

Sophie-Germain-Str. 1  
28201 Bremen  
Germany  
Tel. +49 (0) 421 5259 3-0  
Fax. +49 (0) 421 5259 3-10  
mail@in-process.com  
www.in-process.com