



EDA 407

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Electronic Device Analyzer

The **EDA 407** is especially designed to comply with the increasing requirements of the electronic device industry for product monitoring and quality control of hermetically sealed electronic components.



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Technical data

Mass range

1-512 amu

Detector

90° off axis SEM

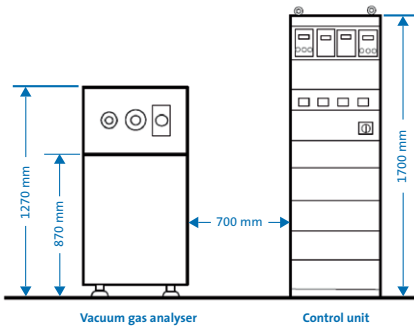
High sensitivity ion source

Weight

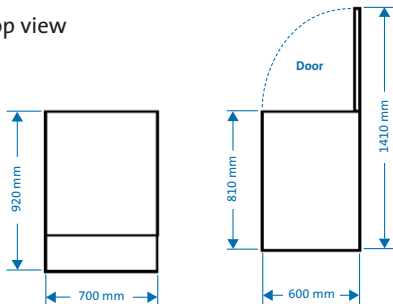
approx. 600 kg

Dimensions (mm)

front view



top view



Humidity analysis in electronic devices

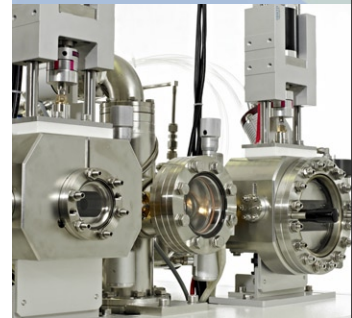
- High-performance quadrupole mass spectrometer for quality control of electronic devices
- Detection limit for water < 500 ppm for volumes 10 – 500 µl
- Qualitative and quantitative analysis of gas inclusions inside the housing of electronic devices from ppm to 100 %
- Fully automated data analysis

Customized sample holders and breaking devices

- Individually adjustable for devices with various dimensions

Humidity generator for calibration with water vapour

- Dew point temperature from -30°C to +15°C (500 – 17.000 ppm H₂O)



IPI InProcess
Instruments

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