

## RGA (Residual Gas Analyzer)

### Objectives

Testing leak components and vacuum chambers. RGA in high pressure.

### Environmental conditions

- Atmosphere: vacuum base pressure  $10^{-5}$ mbar by RGA in high pressure (channeltron on), or  $10^{-4}$ mbar with channeltron off.
- Pressure base in vacuum:  $10^{-9}$ mbar.

### Technical parameters

- QMS with open head ionization and 200uma resolution.
- Automatic control of pressure (dosing valve).
- Membrane and turbo pump.
- Pirani and Penning combination gauge ( $1000\text{mbar} - 5 \cdot 10^{-9}\text{mbar}$ ).
- Automatic dosing valve.
- Manual dosing valve.
- Easy to connect with different flanges (KF or CF).

