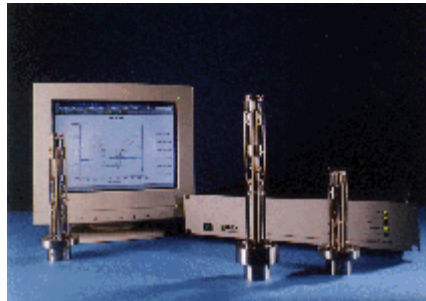


Residual Gas Analysis

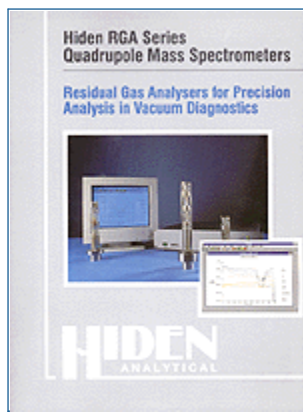
The Hiden RGA Series of Quadrupole Mass Spectrometers for precision vacuum diagnostics

The Hiden RGA series of residual gas analysers for fast, precise and easy to use vacuum diagnostics.

- **HAL-RC Series for remote control, PC operation**
- **HAL-LC Series for PC independent operation**
- **HAL-MASsoft SPC - Automated Statistical process control RGA system**



- Residual Gas Analysis
- Leak Detection
- Vacuum Diagnostics
- MBE
- Ion Implantation
- Vacuum Heat Treatment
- Vacuum Fingerprinting



HAL-LC : *THE* Local Control Residual Gas Analysis System

Complementing Hiden's HAL-RC Series of remote control systems, the HAL-LC range of residual gas analysers provide for standalone mass spectrometer control and data acquisition through just eight soft keys.

Hiden's high performance LC system provides for multiple gauge heads to be operated from a single electronics set with no retuning required.

The on-board library provides for computer aided spectra interpretation with fast-search routines for species identification and library build for user additions.



HAL-LC Control Unit

Switch-on by a single command key

- > Choice of 4 primary operating modes
- > Automatic start-up in selected mode from filament activation to VDU data presentation
- > Integral HELP files identify all key functions
- > Data stored directly to disk