

THERMAL DESORPTION SPECTROMETER TDS 40A1

Description

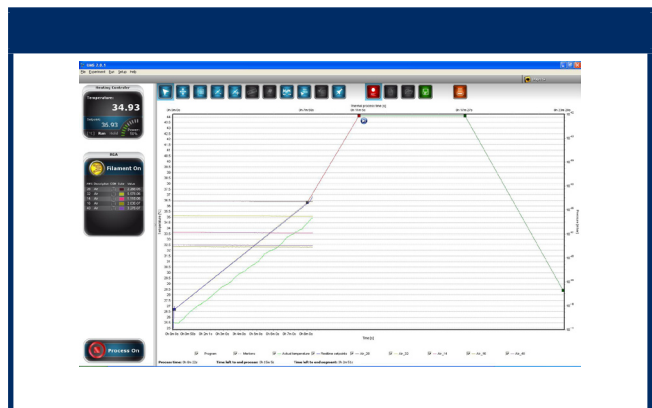
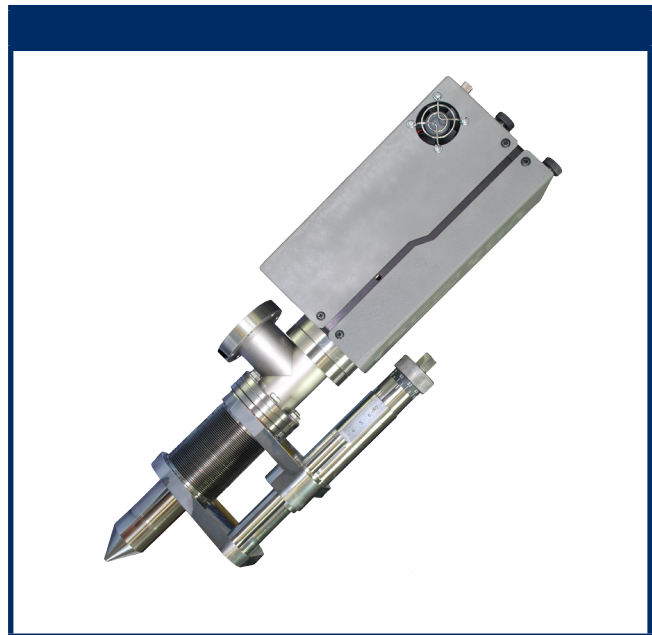
The TDS 40A1 set comprises a differentially pumped Residual Gas Analyzer (e.g. 100, 200 or 300amu), temperature and process PID controller, high stability Z translator, HEAT-PS power supply and PTS sample heater/holder. A custom designed conical sampling end piece ensures the best possible response to desorbing species. The TDS set is delivered with our dedicated TDS software package which is specifically designed for programmed temperature control and data acquisition.

Application

The TDS 40A1 is designed for Temperature Programmed Desorption (TPD) applications, also known as Thermal Desorption Spectroscopy (TDS). TPD involves heating a sample under UHV conditions and simultaneously measuring a number of desorbing gas species as a function of sample temperature.

Additional information

- DN 40CF mounting flange
 - Differentially pumped
 - Quadrupole MS: 100, 200 or 300amu
 - Dedicated TPD software application
 - Sample Heating Power Supply HEAT2-PS
 - High Stability Linear Shift
 - Sample Holder PTS 1200 H/C
 - Recommended working distance < 5 mm
- For additional information about control and supply
Please see the chapters **H Electronics** and **I Software**



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