



UHV TPD STATION - ATLAS

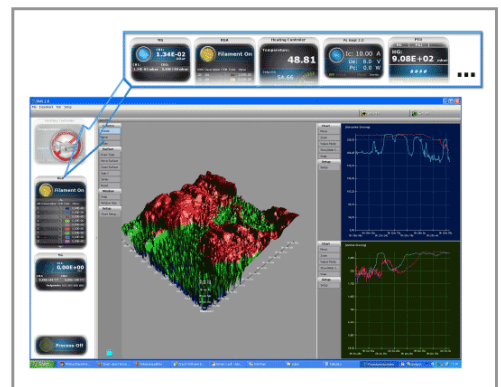
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With immediate effect Henniker Scientific Ltd. of Warrington, England announce the release of the new 'Atlas' UHV TPD Station. Atlas is a standalone system dedicated to nanoscale surface analysis via temperature programmed desorption measurements.

The system is of full UHV construction with load lock and sample transfer and positioning together with choice of TPD mass spectrometer. It is fully bakeable achieving base pressures $<1\text{E}-10$ mbar. Sample holders are available from the PTS range with temperature operation between 90k and 2300k. Both analogue and ion counting mass spectrometers can be chosen with mass range options to 16,000 amu.

The dedicated Thermal Process Editor provides simple, graphical control of sample heater power, regulation, heating and cooling steps/rates together with full, live 3D trending of mass channel data against temperature.



Surface Plot of desorption process

Henniker Scientific Ltd

Cavendish House
Birchwood Park
Warrington WA3 6BU
England

Tel: +44 (0) 1925 811254

Fax: +44 (0) 1925 800035

Email: info@henniker-scientific.com

Web: www.henniker-scientific.com