

## Thermo Fisher Scientific can supply surface analysis equipment specifically designed to meet your needs

### PREPLOC Chamber on the ESCALAB 250

This combined entry lock and preparation chamber is fitted with:

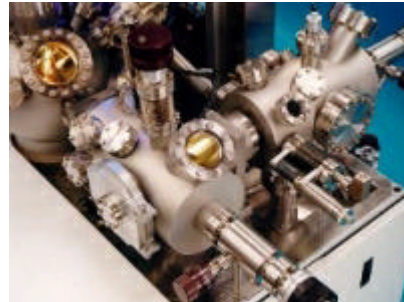
- Heating/cooling/parking stage
- Catalytic gas cell
- Broad beam, high current ion gun



### UHV PREPLOC Chamber on the ESCALAB 250

This ESCALAB 250 is fitted with both a PREPLOC and a UHV preparation chamber. The following preparation facilities are present:

- Heating/cooling stage
- Parking stage



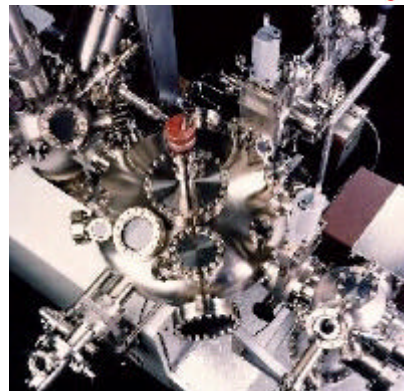
### Carousel Preparation Chamber on the ESCALAB 250

The Carousel Preparation Chamber provides the ultimate in flexibility .

The chamber has a number of radial ports to which UHV chambers may be attached. Samples may be placed in any of these chambers where preparation or analysis techniques may be applied. The sample may then be taken to the ESCALAB 250 analysis chamber under true UHV conditions.

The example shown here is fitted with an MBE chamber (right) and an annealing station (back). The chamber at the front is the fast Entry Air Lock.

# Service only



## UHV PREPLOC on the MICROLAB 350

The MICROLAB 350 may also be fitted with a PREPLOC or a UHV PREPLOC similar to those on the ESCALAB 250.

The example shown here is a UHV PREPLOC fitted with a fracture stage which allows both surfaces of a fractured specimen to be analysed.



These are just a few examples of the versatility available with surface analysis instruments from Thermo Fisher Scientific.

If you have specific requirements please contact us for a technical evaluation and a quotation.