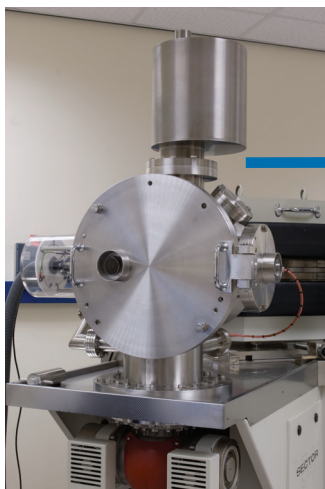


## Thermal Ionisation Mass Spectrometer

# TIMS

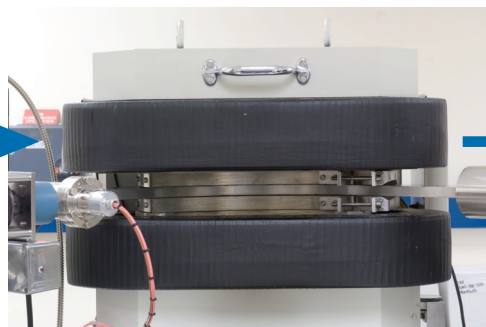
### Ion Source

Samples are heated  
and ions formed



### Big Magnet

This deflects  
an accelerated  
ion beam



### Detector

The ions beams  
are detected

