Physics

P7 Solid-state physics

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P 7.1.3 X-ray structural analysis with the x-ray apparatus
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P 7.4   Scanning probe microscopy

P 7.4.1 Scanning tunneling microscope
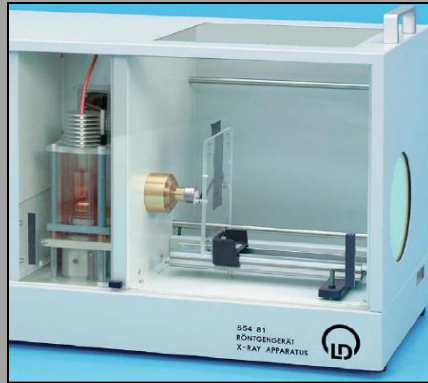
P7.5   Applied Solid-State analysis

P 7.4.1 X-ray fluorescene analysis
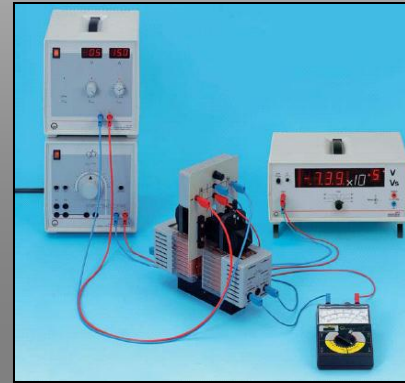
Physics

P 7.1 Properties of Crystals

Investigating the crystal structures of tungsten using a field emission microscope

Laue diagrams : Investigating the lattice structure of monocrystal
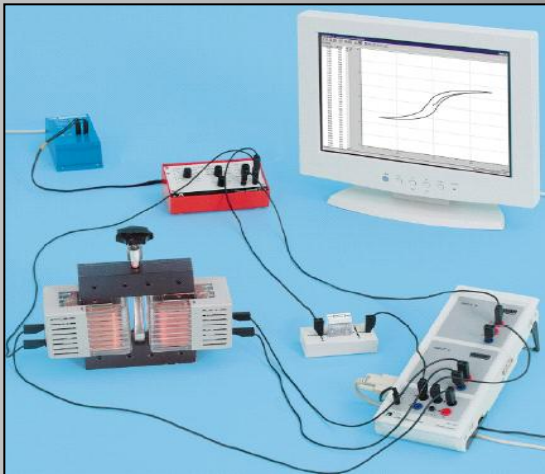
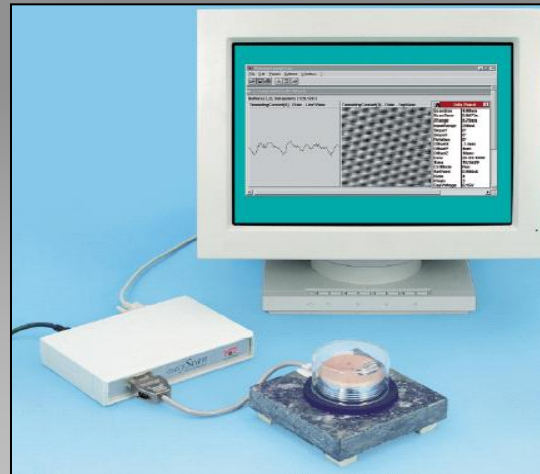## P 7.2 Conduction Phenomena

Investigating Hall effect

Recording the current-voltage characteristic of a CdS photoresistor

P 7.3 Magnetism

Ferromagnetic hysteresis

P 7.4 Scanning Probe Microscopy

Investigating a graphite surface using a scanning tunneling microscope

P 7.5 Applied Solid-State analysis

Recording X-ray fluorescene