

ULTRAMICROTOME



Make	Model
Leica Microsystems GmbH, Austria	Ultracut R

- Ultramicrotomes are used to make very thin sections of specimens to be used under examination by electron & optical microscope. The section thickness is as low as 5nm to 5000nm.

Specifications :-

- Stereo zoom microscope :- Magnification :- 10, 5 X – 45 X
- Knife block :- Rotates 360°
- Clearance angle setting :- from -2 to +15°
- Knife stage :- Lateral movement of 25mm

Applications:

- Ultra thin sections in the nanometer range for electron microscopy (up to 5nm)
- Thick sections in the micron range for infra-Red Spectroscopy (up to 5000 nm)

- Semi-Thin sections for optical microscopy
- Surface preparation for X-Ray microanalysis.