

# ULTRAMICROTOME LEICA Ultracut UCT



## APPLICATIONS

- for manual and automatic sectioning of samples embedded in resins

## DESCRIPTION

The LEICA Ultracut UCT is an ultra microtome used to cut very thin slices up to 10 nanometers of processed tissue embedded in resins for subsequent staining and examination with optical and electron microscopes. They works at room temperature and usually uses glass or diamond blades. For optical microscopy, the thickness of the sections is usually between 100 and 150 nanometers . For transmission electron microscopy (TEM), the thickness of the sections is usually between 50 and 100 nanometers.