

# Epredia HM 340E Microtome



## APPLICATIONS

- for manual sectioning of samples embedded in paraffin

## DESCRIPTION

The semi-automatic microtome HM 340E is used to create uniformly very thin slices, with a thickness of just a few thousandths of a millimeter, from paraffin-embedded processed tissue, for subsequent staining and microscopic examination. It operates at room temperature and uses a wide range of disposable microtome blades, selected according to the type of sample to be cut (from routine biopsies to denser and harder tissues). For plant tissues, the optimal section thickness is 10–15 microns, while for mouse or human tissues, the routine cutting thickness ranges from 2 to 7 microns. Through the control panel, it is easy to set the cutting window from 0.5 up to 100 microns. It also allows for rapid switching between sectioning modes, speed control, and includes a memory function to store various settings.