

Thermo Scientific Finesse® 325

With a proven track record for reliability, the robust Finesse 325 is an economic manual microtome which meets laboratory demands for routine clinical sectioning of standard paraffin embedded blocks. An appropriate choice for low throughput laboratories requiring an unsophisticated instrument.



Standard manual microtome for routine histological sectioning



Ease of Use. Separate controls for coarse advance and sectioning. Ergonomic light-touch flywheel for manual operation. Manual brake engages in any flywheel position. Detachable organizer tray for arranging and managing cassettes. Deep removable waste tray for collection and easy disposal of sectioning debris. Section counter to indicate progression when cutting.

Section Quality. 52mm vertical cutting stroke accommodates standard specimen cassettes. ACCU-FEED system delivers precise 1µm step specimen advance. XY controls for fine adjustment. Retraction to protect specimen from damage.

Safe Operation. Instrument operation can be completely immobilized by application of the mechanical handwheel brake, allowing safe adjustment of the specimen, object head or knifeholder. Blade guard protects the operator's hands from injury whilst cutting.

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Physical Specification

Dimensions (D x W x H)	500mm x 410 mm x 290mm
Weight	40 kg

Environmental Specifications

Temperature (operating limits)	+5°C to +40°C
Temperature (recommended)	+15°C to +30°C
Temperature (transit/storage)	-25°C to +55°C; +70°C for short exposure

Cutting Specifications

Specimen Advance Range	1 - 30 µm in 1 µm steps
Specimen Coarse Advance	200 µm
Specimen Retraction	40 - 50 µm
Horizontal Feed Range	18,000 µm
Vertical Specimen Stroke	52 mm
Section Counter	2-digit, with reset
Specimen Orientation	± 5° with X - and Y - axes micro adjust
Cutting Drive	Manual
Coarse Feed	Manual
Blade Tilt	0 - 35°