

# ROTARY MICROTOME

## DESCRIPTION

315 Microtome is mainly used for slicing thin sections of different specimens, as biopsies for pathological diagnosis, tissue samples of animal and plant, plastic, cork, wood, polystyrene, etc. This microtome has a novel structure, advanced features, and an excellent performance. It is used widely in research institutes, universities, colleges, hospitals, and laboratories.

## TECHNICAL PARAMETERS

MODEL	315
Section thickness range	0.5 - 60 $\mu$ m
Slice thickness adjustment	0.5 - 2 $\mu$ m (in 0.5 $\mu$ m increments) 2 - 10 $\mu$ m (in 1 $\mu$ m increments) 10 - 20 $\mu$ m (in 2 $\mu$ m increments) 20 - 60 $\mu$ m (in 5 $\mu$ m increments)
Vertical specimen stroke	59 mm
Horizontal specimen stroke	25 mm
Specimen orientation	Horizontal: 8° Vertical: 8° Rotation: $\pm$ 90°
Movement range of blade holder	Front and back: $\pm$ 25 mm Left and right: $\pm$ 20 mm
Height of cutting edge	105 mm
Overall dimensions	276 x 460 x 278 mm
Net weight	29 kg
Gross weight	40 kg
Power Supply	AC 110V, 60 Hz



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## STANDARD ACCESSORIES

1. Microtome blade holders
2. Clamps
3. Metal base molds
4. Cassettes
5. Dissecting forceps
6. Brush
7. Inner hexagon spanner

## KEY FEATURES

1. Two clamps (universal cassette clamp and standard specimen clamp) and two microtome blade holders.
2. Smooth-running handwheel and can be manual locked in any direction, to protect to operator during samples processing.
3. Waste tray increases efficiency by decreasing cleaning time and reduces contamination to the operator/environment by effectively collecting and containing waste.
4. Handwheel left can lead specimen advance and retraction quickly and conveniently.
5. Microtome blade holder can be easily moved and placed, providing maximum comfort to operator.



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