

KD-3390-VI Semi-automatic Microtome+Fast Freezing



Technical Specifications

Section Thickness Setting Range

- 0.25 – 100 μ m
- 0.2 – 2.5 μ m increment 0.5 μ m
- 2.5 – 5 μ m increment 0.5 μ m
- 5.0 – 10 μ m increment 1 μ m
- 10 – 30 μ m increment 2 μ m
- 30 – 60 μ m increment 5 μ m
- 60 – 100 μ m increment 10 μ m

Trimming Thickness Setting Range

- 1 – 600 μ m
- 1 – 10 μ m increment 1 μ m
- 10 – 20 μ m increment 2 μ m
- 20 – 50 μ m increment 5 μ m
- 50 – 150 μ m increment 10 μ m
- 150 – 600 μ m increment 50 μ m
- Automatic Return of Specimen
- Pre-setting and current temperature shown in LCD
- Best section angle between Cryo-probe and section blade is 60 degrees
- Temperature of defrost display, pre-setting temperature can be stored itself after working
- Temperature of section can be reached after freezing within 4~7 minutes
- Quick freezing systems ,energy-saving
- Dual function section: freezing and paraffin use

Retraction Setting Range	0—50μm (0 is off)/ 5-10-15—50 (optional)
Whole layer clearance distance Range	10 – 6000μm/ 10-12-15-20-25~5000~6000μm
Total Horizontal Specimen Feed	25mm
Vertical Specimen Stroke	70mm
Specimen Clamp Rotation	at any angle within 360 degrees.
Specimen Orientation	XY – 8°
Minimum Setting of Sectioning Thickness	0.25μm
Precision Error	±1%
Precision error	±5%
Pre-setting temperature range	ambient ~ -55°C
Maximum temperature range for Cryo-plate	≥60°C
Maximum temperature range for Cryo-probe	≥50°C
Maximum size of Cryo-pate	45 x 40mm
Working voltage	AC220V 50Hz, AC110V 60Hz
Power draw	100VA (KD-3390) ; 300VA (KD-III)
Dimension	575×420×330 mm (KD-3390), 420x190x410mm(KD-III)
Net weight	36kg(KD-3390) 8kg(KD-III)