

KD-3398 IV Semi Automated Microtome + Fast Freezing

Technical Specifications

Section Thickness Setting Range: 0.25—100μm

- 0.25—2.5μm increment 0.25μm
- 2.5—5μm increment 0.5μm
- 5.0—10μm increment 1μm
- 10—30μm increment 2μm
- 30—60μm increment 5μm
- 60—100μm increment 10μm

Trimming Thickness Setting Range: 1—600μm

- 1—10μm increment 1μm
- 010—020μm increment 2μm
- 020—050μm increment 5μm
- 050—150μm increment 10μm
- 150—600μm increment 50μm

Retraction Setting Range: 0—50μm (0 is off) 5-10-15—50 (optional)

- Horizontal Feed: 25mm
- Vertical Specimen Stroke: 70mm
- Specimen Holder Rotation: at any angle within 360 degrees
- Movement Range of the Base of Specimen Holder: 65mm (front to back)
- Movement Range of the Blade Press plate: ±20mm
- Specimen Clamp Rotation: at any angle within 360 degrees
- Specimen Orientation: XY – 8
- Minimum Setting of Sectioning Thickness: 0.25μm
- Precision Error: ±1%
- 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
- 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
- Working voltage: AC220V 50Hz, AC110V 60Hz
- Power draw: 150VA (KD-3398) ; 300VA (KD-III)
- Dimension: 580× 475× 340mm (KD-3368AM), 420x190x410mm(KD-III)
- Net weight: 40kg(KD-3398) 8kg(KD-III)

