



MICRO TEK SEMI AUTOMATIC MICROTOME

Model BL-3358



Product specifications:

- ♣ This product adopts a streamline design, and possesses advanced features with stable performance and easy operation;
- ♣ Specimen feed drive is controlled by an intelligent, high precision control system, enabling semi-ultrathin slicing, starting from a thickness of $0.25\mu\text{m}$;
- ♣ Specimen feeding drive utilizes an intelligent control system, it has high precision on cutting
- ♣ Advanced drive systems; multiple functions including sectioning, trimming, fast forward, fast backward, conversion etc.;
- ♣ Adopts imported cross-roller guide rails and a screw motion mechanism to ensure precision, thus achieving superior sectioning performance;
- ♣ LCD screen shows section and trimming thickness, number of sections and trims;
- ♣ Sectioning and trimming are completed through the control system;
- ♣ equipped with a safety alert system, drive-overload protection mechanism and an automatic standby protection mechanism;
- ♣ Easy and fast switching between different specimen clamps (two options: paraffin block clamp and cassette clamp);
- ♣ Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety and convenience of operation;

- ♣ Blade holder can be laterally moved to avoid moving the blade with direct contact, thereby utilizing the entire length of blade (three different segment)
- ♣ The red bar on the blade holder covers the whole length of blade to protect the user and the push bar enables the easy changing of the blade;
- ♣ Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety and convenience of sectioning;
- ♣ Large-volume waste tray is easy to remove, and items such as disposable blades can be stored on the top of the housing.

Technical Data

- ♣ Section Thickness Setting Range: 0 - 60 μm 0 - 1 μm increment 0.25 μm 1 - 10 μm increment 1 μm 10 - 20 μm increment 2 μm 20 - 60 μm increment 5 μm
- ♣ Trimming Thickness Setting Range: 0 - 900 μm 1 - 10 μm increment 1 μm 10 - 20 μm increment 2 μm 20 - 100 μm increment 5 μm 100 - 900 μm increment 50 μm
- ♣ Minimum Setting of Sectioning Thickness: 0.25 μm
- ♣ Total Horizontal Specimen Feed: 28 mm
- ♣ Vertical Specimen Stroke: 52 mm
- ♣ Movement Range of the Base of Blade Holder Base: 0-60mm (front to back)
- ♣ Movement Range of the Blade Press plate: 0-23mm
- ♣ Specimen Clamp Rotation: any angle within 360 degrees
- ♣ Specimen Orientation: XY – 8°
- ♣ Maximum Specimen Size: 50×70mm (optional clamp)
- ♣ Precision Error: ±1%
- ♣ Working Voltage: AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz
- ♣ Power: 100W
- ♣ Dimensions: 580×410×305mm(W×D×H)
- ♣ Net weight: 29k

