



FULLY AUTOMATIC MICROTOME

Micro Tek-BL355AT



Specification information:

The Fully Automatic Microtome BL-355AT provides utmost reliability, user benefit and outstanding operator comfort. Great basic stability and precision make this microtome a real multi-purpose instrument that meets the requirements both in paraffin and hard sectioning techniques of the biological, medical and industrial lab

Product specifications:

- Fully automatic or manual model its two-in-one design concept, which allows motorized and manual sectioning, provides reproducible high-quality sections.
- Adopted Germany stepper Motor and motor drive ensure slice more precisely, more reliable and quiet.
- The touch screen shows slice and trimming thickness, section counter, mode and speed, stroke distance
- Special function of specimen retraction which avoid the damage due to the attrition between sample and the back of knife so that the sectioning is smoother and the life of the knife are longer.
- Model of Blade Carrier for High or Lower Disposable Blades
- The hand wheel can be locked in any position to ensure the sectioning as safe and convenient as possible
- The waste tray can be disassembled easily
- Safety alarm system, overload protection function, sleeps mode protection
- Universal cassette clamp and standard specimen clamp
- Emergency stop
- Foot Switch to control the Section
- Easy operation with Separated Control Panel
- Protection Guard
- Remote control panel set trimming or section thickness, stroke, cutting speed
- Precise orientation of specimen clamp

Technical Data:

- Section thickness range: 0.5- 100 μ m
Setting values: From 0.5-2 μ m in 0.5 μ m -increments
Form 2-10 μ m in 1 μ m -increments
Form 10-20 μ m in 2 μ m -increments
Form 20-50 μ m in 5 μ m -increments
Form 50-100 μ m in 10 μ m increments
- Trimming section thickness range: 5-500 μ m (600 /999 μ m is optional customization)
- Cutting speed 0 – 300mm/s (0-400 or 500mm/s is optional customization)
- Horizontal specimen stroke: 20 mm (28mm is optional customization)
- Vertical specimen stroke: 60mm (70mm is optional customization)
- Specimen retraction: 12 μ m (Specimen retraction from 0-220 μ m/turn on or off is optional customization)
- Specimen feed speed 1250/s (click), 2000 μ m/s (keep pressing). (Forward and reverse with 3 speed is optional customization, 3 different speed is (500 μ m/s or 1000 μ m/s or 2000 μ m/s)
- Sample orientation: 8° along the X-Y-axis, rotate 360°
- Precision error: $\pm$ 5% • Maximum section size: 50 $\times$ 45mm

- Voltage and power: 220v / 50Hz or 110 v / 60Hz
- Net weight : 35kg
- Dimensions incl. tray (L/T/H) : 500mm (L) X320mm (W) X500mm (H)

Standard Accessory

2 types Clamp

1 Blade Carrier (for disposable blade)

1 Waste Tray

4 pcs Tissue Molds

50pcs Cassettes

2 pcs Fuse