



## Sliding Microtome HM 450

### Outcome Driven

- Selectable specimen retraction
- Motorized coarse feed with three different speed settings
- Automatic or manual specimen advance during sectioning can be selected depending upon user preference
- X/Y fine orientation with reproducible zero positioning

### Ease-of-Use

- Integrated knife holder glides along a maintenance-free, precision, cross-roller bearing system ensuring fast, comfortable operation
- Ergonomic handle for moving knife holder
- User-friendly control panel allows for easy setting of sectioning parameters
- Incorporates stepping motor technology to ensure precise, accurate specimen advancement
- Trimming function allows for precision block trimming prior to the sectioning function
- Display shows feed (section) / trim thicknesses, feed mode and retraction status, as well as choice of section counter, step sum, or remaining travel.
- Integrated, removable waste tray
- Knife holder with integrated, movable knife guard
- Inserts available for the use of low-and high-profile disposable blades

### Physical Specifications

Dimensions (D x W x H):  
18.1 x 14.6 x 12.6 in.  
(46 x 37 x 32 cm)

Weight: 50.7 lbs / 23 kg

Accommodates specimens up to  
80 x 60 mm  
Section thickness feed: 0.5-100  $\mu$ m  
Trimming thickness: 10-500  $\mu$ m  
Vertical feed range: 40 mm (max)  
Horizontal knife stroke: 190 mm (max)

Power requirements:  
100-240 V, 50-60 HZ, 0.5A

### Includes

Dust cover and operator guide

Description	Order Number
HM 450 unit only	910020
With low-profile blade insert and 5 x 80 specimen clamp	910020L
With high-profile blade insert and 5 x 80 specimen clamp	910020H

### You'll need:



blades,  
blade holders,  
knives



microscope  
slides



freezing  
sprays