

Manual Rotary Microtome

Model: MT-495



FEATURES:

- **Specimen orientation system**
The absolute precise position of the specimen ensures the orientation system. Move the specimen holder with the vertical and horizontal orientation knob to its desired position.
- **Clearance Angle**
For the optimal position of the blade for sectioning the angle of the cutting facet of the blade can be adjusted by moving the blade holder.
- **Specimen retraction function**
The specimen retraction protects the specimen and the blade from possible damage during the upwards movement. When the object after sectioning performs the return movement (upwards), it automatically moves back and before the next sectioning stroke, the object moves to its correct position.
- **Protection guard**
The red protection guard is to cover the cutting edge when the blade is inserted into the blade holder.
- **Hand wheel lock**
With the conveniently integrated locking lever on the hand wheel the rotation of the wheel can be locked at the 12 o'clock position. It is designed for one thumb-use. The locking lever under the hand wheel locks the movement at any position.
- **Adjusting section thickness**
Turning the section thickness adjusting knob the section thickness is adjusted. The scale on the displaying window indicates the thickness. The red pointer indicates the thickness while turning the adjusting knob.
- **Specimen holder**
Changing of specimen works quick and easy. The sample can be placed horizontally or vertically into the specimen holder.
- **Coarse driving wheel**
To adjust the distance between the blade and the specimen.
- **Waste tray**
Collects the sectioning wastage and can be dismantled easily for cleaning purposes.

Technical Data

Section thickness range:	1 ~ 60µm	
Section thickness setting	1 ~ 10µm	in 1µm increment
	10 ~ 20µm	in 2µm increments
	20 ~ 60µm	in 5µm increments
Trimming thickness:	10µm and 30 µm	
Specimen retraction:	60µm	
Specimen vertical stroke:	70mm	
Specimen horizontally stroke:	25mm	
Max specimen size with cassette clamp (H×W):	40×28mm	
Max specimen size with C clamp (H×W):	55×40mm	
Dimensions (W×D×H):	560×470×300mm	

Standard Accessory

- 2 Types Clamp
- 1 Blade Carrier (for disposable blade)
- 1 Waste Tray
- 4 Tissue Molds
- 50 Cassettes

Optional Accessory

- Blade Carrier (for Blade holder or Steel knife)
- Blade Holder
- Microtome Disposable Blade
- Steel Knife

