



Estd. 1964



## YSI-055

Manual  
Rotary Microtome

### For Highest Permanence, Correctness and Soothe

Stability is vital in manual microtome and Unimeditrek UNI-055 can live upto workload requirements of even the demanding laboratories. The superior precision of new accessories will add up expediency to block to knife approach as well as specimen point of reference.

### Safety During Sectioning

Protection is assured by incorporated black finger protection guard of the knife holder that exceptionally safeguards the blade edge. When used correctly the integrated finger protection guard rules out potential injuries because it can even remain on the blade edge during sectioning.

### Well-located Storage Area

An incorporated storage tray makes certain subsidiary tools are in hand at all the times.

### Trouble free operation

Ergonomics and user comfort were key concern for the placement of coarse feed wheel, which is located close to the operator. The mechanical trimming function, conveniently positioned next to coarse feed wheel, purge the need to turn coarse feed wheel during trimming.

### Spacious Section waste tray

The spacious section waste tray consistently gathers sectioning wreckage Accurate specimen orientation with clear zero reference point This new orientation technique sets innovative standards of precision and is very effortless to operate. Calibrated controls make it easy to fiddle with a specimen to an exact zero position specified by assessable variable on the x/y axis for re-cuts.

### Imaginative knife holder adjustment

The complete width of the knife could be used by using straight forward blade fastening mechanism. Using the complete knife edge is cost effective, particularly in laboratories with high specimen throughput.



Suitable to work on 220V,  
single phase, 50 Hz, AC supply.

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**Manufactured By :**  
**YORK SCIENTIFIC INDUSTRIES PVT. LTD.**

8/6E, Site-IV, Sahibabad Industrial Aea, Sahibabad Distt: Ghaziabad (U.P.)201010, Ph: +91-120-4741800, +91-9810083057  
email: ysipl@yorco.co.in, web: www.yorco.co.in

## Technical Data

Ranges of section thickness	: 0.5mm-60mm
Setting Value	: From 0.5mm-2mm in 0.5mm increments From 2mm-10mm in 1mm increments From 10mm-20mm in 2mm increments From 20mm-60mm in 5mm increments
Section thickness	: Viewing Window
Coarse Feed	: Manual via coarse feed wheel
Trim Setting	: 1mm 60mm
Horizontal Stroke	: Approx. 30mm
Vertical Stroke	: Approx. 60mm
Maximum Specimen Size	: 50mm (L)×60mm(H)×40mm(W)
Specimen Orientation	: Horizontal:8°,Vertical:8°,Z:360°
Dimensions basic instruments	
Width (Including handwheel)	: 455mm
Depth (Including waste tray)	: 510mm
Height (with storage cover)	: 305
Weight (with accessories)	: Approx, 26kg.

## General

- Compact Ergonomic Overall Design.
- Accurate Specimen orientation with zero point reference.
- User safety incorporated into all aspects of the instruments.
- Ergonomically located coarse feed wheel for fatigue free operation.
- Extremely smooth - running hand wheel.
- Precise knife holder lateral adjustment ensures that the entire width of the blade edge can be used.
- Single handed operation specimen clamps.
- Universal Knife holder base for different sizes of knives.
- Disposable blade holder with incorporated safety finger protection guard.
- Spacious section waste tray.
- One piece easy to clean hosing.
- Automatic retraction.

## Supplied Complete With

- Cassette holder.
- Knife holder base.
- Standard knife holder.
- Object orientation unit.
- Section waste tray.
- Disposable blade (Pack of 50 Blades).

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