



**YSI-055 Yorco Manual
Rotary Microtome**

For Highest Permanence, Correctness and Soothe

Stability is vital in manual microtome and YORCO YSI-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

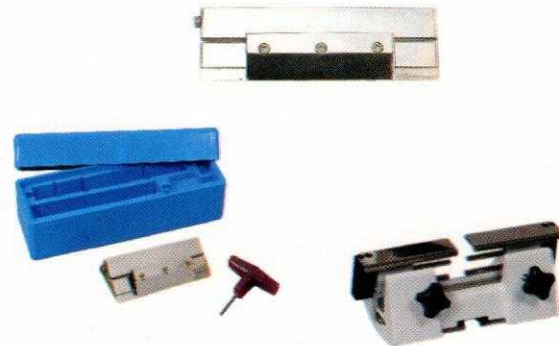
The spacious section waste tray consistently gathers sectioning wreckage

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.



Technical Data :

| | |
|---|--|
| Ranges of section thickness | 0.5 micron to 60 micron |
| Setting Values | from 0.5 micron to 2 micron in 0.5 micron increments from 2.0 micron - 10 micron in 1 micron increments from 10 micron - 20 micron in 2 micron increments from 20 micron - 60 micron in 5 micron increments |
| Section thickness | Viewing Window |
| Coarse Feed | Manual via coarse feed wheel |
| Trim Setting | 1 micron 60 micron |
| Horizontal Stroke | Approx. 30 mm |
| Vertical Stroke | Approx. 70 mm |
| Maximum Specimen Size | 50mm (L) x 60mm(H)x 40mm(W) |
| Specimen Orientation | Horizontal:8°, Vertical:8°, Z:360° |
| Dimension of basic instrument | |
| Width (including handwheel) | 455mm |
| Depth (including section waste tray) | 510mm |
| Height (with storage tray installed on housing) | 305 |
| Weight (With accessories) | Approx, 26 Kg. |

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

