



**YSI-114 Yorco Precision
Rotary Microtome**

—Latest Version

Well designed features for precise and accurate serial sectioning, with feed setting visible from front, improved locking device and counter balanced wheel. Light weight hinged cover provides easy access to internal parts for cleaning and oiling. Feed is adjustable from 1 to 50 microns in steps of 1 micron. Free up and down movement of Block Holder clamp. Automatic restricted total excursion of 28 mm by disengaging the feed mechanism to prevent jamming.

Ball and flange Block Holder clamp provides flexible orientation of object piece. Takes specimen upto 32×27 mm on stem of block holders. Knife holder allows for 120 mm to 180 mm long knife. Cutting angle is adjustable through 30 degrees. Two levers release knife holder for resetting angles and a third lever releases the entire assembly for movement on slide way to adjust horizontal distance from object.

Latest cam system eliminates the conventional cord system for feeding, resulting in better section cutting and improved efficiency of the machine.

Supplied complete in all respect with the following accessories

- One knife 120 mm long with Back and Handle in Plastic box.
- 3 type of block holders - one each size
- One bottle of lubrication oil
- Rexine cover

Optional / Spare Accessories :

- Special Alloy Steel Knife (YSI-136)
Size :- 120 mm, 150 mm, 180 mm, 200 mm
- S.S. Back for Knife (YSI-137)
- Block Holder/Specimen Holder (YSI-140)
Size :- (Dia) 37 mm, 25 mm, 20 mm
- Embedding Moulds made of S.S. (YSI-141)
L × W × D
Size : a. 16 × 16 × 12 mm
b. 22 × 22 × 12 mm
c. 32 × 25 × 12 mm
- L-Moulds made of brass (YSI-143)
Size a. 37 × 25 × 15 mm pair
b. 50 × 25 × 15 mm pair
c. 75 × 30 × 19 mm pair
- Disposable Embedding Ring (YSI-142 & 142A).
- Disposable Knife a pack of 50 Blades Low Profile or High Profile.
- Disposable Blade Holder suitable to use with any type of Microtome Low Profile Blade or High Profile Blade.