



MODEL NO.: YSI-114

**YSI PRECISION ROTARY
MICROTOME**

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 up to 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 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 Lubricating Oil .
- Rexine cover

Optional /Spare Accessories :

- Special Alloy Steel Knife (YSI-136) Size: 120mm, 150mm, 180mm, 200mm.
- S.S. Back for Knife (YSI-137)
- Block Holder/Specimen Holder (YSI-140) Size : (Dia) 37mm, 25mm, 20mm.
- Embedding Moulds made S.S. (YSI-141)

Size:	a.	L	x	W	x	D
	a.	16	x	16	x	12mm
	b.	22	x	22	x	12mm
	c.	32	x	25	x	12mm

L-Moulds made of brass (YSI-143)

Size :	a.	37	x	25	x	15mm pair
	b.	50	x	25	x	15mm pair
	v.	75	x	30	x	19mm pair

- Disposable Imbedding Ring (YSI-142 & 142A)
- Disposable Knife a pack of 50 blades Low Profile or High Profile.
- Disposable Blades Holder suitable to use with any type of microtome Low Profile Blade or High Profile Blade.