



Manual rotary microtome, advanced

Code ZFP011

Rotary microtome advanced model with sample advance system easy-to-use and very precise. Designed with the most advanced technology for routine or research applications in the field of biology, medicine or industry to slice paraffin included plant or animal tissues or harder materials suitable for manual slicing. The microtome presents an easy-to-clean housing to keep the equipment always in perfect conditions of use and a sturdy base to assure a good stability during operation. Supplied with a wide waste tray easily removable for cleaning.



technical specifications

Code	ZFP011
Section thickness	0.5-60 μm
Section thickness setting	From 0.5-2 μm in steps of 0.5 μm From 2-10 μm in steps of 1 μm From 10-20 μm in steps of 2 μm From 20-60 μm in steps of 5 μm
Precision	$\pm 5\%$
Max. specimen size	50x45 mm
Blade orientation angle	0-12°
Coarse feed	Manual
Horizontal sample stroke	35 mm
Vertical sample stroke	46 mm
Sample orientation	8° (ejes X-Y); giratoria 360°
Dimensions (LxAxH)	300x570x270 mm
Weight	34 Kg



manual handwheel



The equipment presents a light to turn handwheel with ergonomic handle that minimizes fatigue after long periods of use. For user safety, the handwheel is provided with two locking devices:

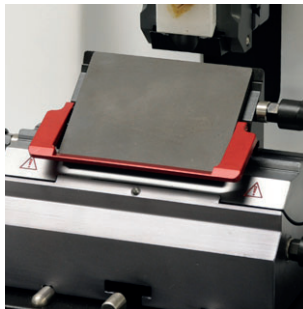
- 1/ Locking system activated through the handle that locks the specimen head in the uppermost position, the most adequate and safe position to change the blade or the sample.
- 2/ Locking system by means of a lever placed at the lateral base of equipment that locks handwheel at any position.

coarse feed wheel



The coarse feed wheel is placed at the left side of equipment on a lower position for an easy access of user allowing trimming without fatigue.

blade holder

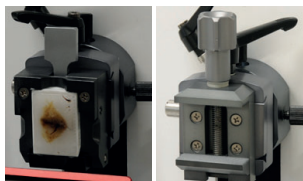


The blade carrier, suitable for using with disposable blades, presents a very precise lateral adjustment mechanism that allows the use of the entire width of the microtome blade without having to release the blade clamping mechanism. This is cost effective, especially in laboratories with high sample throughput.

The blade carrier can be also moved front and backwards and presents a regulation system of the cutting edge angle.

The microtome is supplied with two blade holders for high and low profile disposable blades respectively both with finger safety guard to protect user during work breaks.

sample holder



The microtome is supplied with both standard and universal clamp for embedding cassettes. The sample holder presents a precise orientation system to ensure accurate orientation of the specimen surface relative to the knife.

accessories



Low profile blade carrier for advanced microtome

Code ZFR015

It is used with low profile disposable blades.