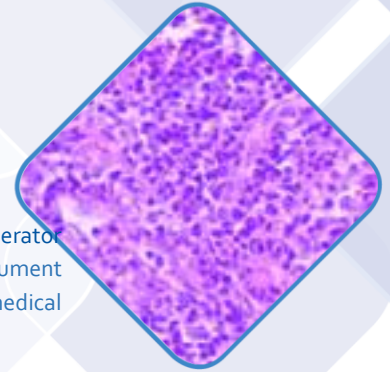
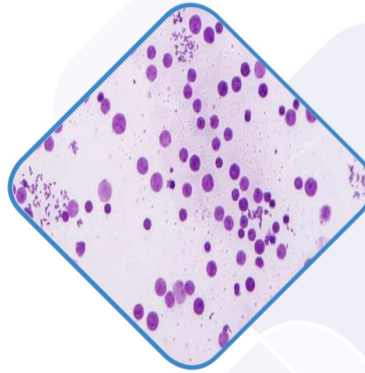


## Automatic Rotary Microtome MR series





## Automatic rotary microtome OPTA-TECH MR-355AT

The Fully Automatic Microtome provides utmost reliable, user benefit and outstanding operator comfort. Great basic stability and precision, make this microtome a real multi-purpose instrument that meets the requirements both in paraffin and hard sectioning techniques of the biological, medical and industrial lab.

### Product specifications:

- Fully automatic or manual model. Its two-in-one design concept, which allows motorized and manual sectioning, provides reproducible high-quality sections.
- Adopted Germany motor drive ensure slice more precisely, more reliable and quiet
- The touch screen shows slice and trimming thickness, section counter, mode and speed, stroke distance
- Special function of specimen retraction which avoid the damage due to the attrition between sample and the back of knife so that the sectioning is more smooth and the life of the knife is more longer
- Model of Blade Carrier for High or Lower Disposable Blades
- The hand wheel can be locked in any position to ensure the sectioning as safe and convenient as possible
- The waste tray can be disassembled easily
- Safely alarm system, overload protection function, sleep mode protection
- Universal cassette clamp and standard specimen clamp
- Emergency stop
- Foot Switch to control the Section
- Easy operation with Separated Control Panel

### Technical Data\*

Section thickness range	0,5µm – 100µm: from 0,5µm to 2µm in 0,5µm – increments From 2µm to 10µm in 1µm – increments From 10µm to 20µm in 2µm – increments From 20µm to 50µm in 5µm – increments From 50µm to 100µm in 10µm - increments
Trimming section thickness range	0 – 999µm
Setting value	Form 0µm to 999µm in 1µm - increments
Cutting speed	0 – 420mm/s
Specimen stroke	Horizontal: 28mm Vertical: 60mm
Specimen retraction	12µm
Specimen feed speed	1250/2000 µm/s
Sample orientation	8° along the X-Y-axis, rotatable 360°

Speed of fast forward and fast backward	1mm/s
Precision error	± 5%
Section size	Max: 50 x 45mm
Pole less speed regulation function, cutting speed range	0,5mm/s – 300mm/s
Voltage and power	220V/50Hz or 110V/60Hz
Net weight	35kg
Dimensions incl. Tray (L/T/H)	500 x 320 x 500mm

*\* Due to constant development of our technology, parameters are for information only, they refer to the example configurations and are subject to change.*