

### Section thickness

Total range in ( $\mu$ ) 0,5 - 100  
Thickness settings in ( $\mu$ ):  
0,5 - 5 in increments of 0,5  
5 - 20 in increments of 1  
20 - 40 in increments of 2  
40 - 60 in increments of 5  
60 - 100 in increments of 10

### Trimming

Total range in ( $\mu$ ) 1 - 600  
Thickness settings in ( $\mu$ ):  
1 - 10 increments of 1  
10 - 20 in increments of 2  
20 - 50 in increments of 5  
50 - 100 in increments of 10  
100 - 200 in increments of 20  
200 - 600 in increments of 50

Specimen feed (mm) 28  $\pm$  1 mm.  
Vertical stroke (mm) 72  $\pm$  1 mm for sectioning of mega-cassettes.  
User interface 7" capacitive touchscreen display.  
Available parameters and functions:  
section thickness, trimming thickness,  
section counter, sum of section thicknesses,  
remaining travel to front end position, fixing  
of knife carrier to microtome base,  
Memory function, date and time, section  
mode, retraction and coarse feed.

Operating modes Rotational or Rocking (selectable).

### Specimen retraction

Total range ( $\mu$ ) Selectable between 5 - 250. Default value:  
40 $\mu$ .  
Optional function that can be deactivated.

Motorized coarse feed ( $\mu$ m/sec)  
300 (slow speed forward)  
1200 (fast speed forward)  
2000 (superfast speed backwards)  
Additional function for forward/backward  
feed in step mode.

Blade Holder Type Two in One for high and low profile blades

Max. specimen size (mm) wide 50xhigh 60xdeep 40.  
Specimen orientation  $\pm$  10° horizontal and vertical  
Rotational capability: 360°  
Indication of 0-position by means of click  
(x and y direction) possible

Power requirements 100-240 Volt/ 50-60Hz  
Consumption (VA) 40  
Width (mm) 465  
Depth with tray (mm) 540  
Height (mm) 298  
Weight (kg) 31,5

# Myr

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## SEMI-AUTOMATED ROTARY MICROTOME M-240



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User interface available in a **full colour TFT 7" display** with PCAD (projective capacitive) Touchscreen. The size of the display, the largest in the market, and its inclined surface allow an easy and effortless selection of the parameters and increase the user's safety. The integrated ergonomic armrest increases the comfortability of the operations.

**Button Memory function (MEM)**

Useful for retrieval of previous cutting settings when working with uniform paraffin blocks.



Big capacity and easy to mount **waste tray**. Ergonomic design that includes surface for arm rest.



**Handwheel** brake can be set in every angular position. A slight movement of the handle triggers the blocking. Status is shown by a colored indication ring. Smooth-working handwheel to minimize muscle strain.



Automatic fixation of the **knife carrier** to the microtome base (patent pending) and removable lever for locking the clearance angle of the blade holder. Design without levers for improved cleanliness and ease of use. Blade holder can be moved sideways both to the right and the left for an optimal use of the cutting edge.



Equipped with a **specimen orientation head** that works with different specimen clamp types and an easy-to-operate change system thanks to the blocking mechanism. Indication of 0-position in x and y direction by palpable click for the precise position of the specimen. Cutting-edge design of the specimen clamp that prevents building up of dirt and facilitates operations with the microtome.