

Section thickness

Total range in (μ) 0,5 - 100
Thickness settings in (μ):
0,5 - 5 in increments of 0,5
5 - 20 in increments of 1
20 - 60 in increments of 5
60 - 100 in increments of 10

Trimming

Total range in (μ) 1 - 600
Thickness settings in (μ):
1 - 10 increments of 1
10 - 20 in increments of 2
20 - 50 in increments of 5
50 - 100 in increments of 10
100 - 600 in increments of 50

Specimen feed (mm) 28 \pm 1mm.
Vertical stroke (mm) 72 \pm 1mm 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 (μ) Selectable between 5 - 250. Default value:
40 μ .
Optional function that can be deactivated.

Motorized coarse feed (μ /sec)
300 (slow speed forward)
800 (fast speed forward)
1700 (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 8° 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) 33,9

Myr

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SEMI-AUTOMATED ROTARY MICROTOME M-240



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The M-240 microtome from Myr uses state-of-the-art technology in the sectioning field and embodies the company's commitment to quality and excellence in the microtomy.

Myr's M-240 semi-automated rotary microtome provides the operational convenience and the stability required for outstanding sectioning in routine, research and industry applications.

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 tilted 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.

Memory function (MEM key) for higher productivity, to retrieve previous cuttings settings when working with uniform paraffin blocks. By simply pressing a key, the specimen moves into the stored MEM position. Additional safety feature available to change the specimen safely by adding an extra "safety distance" to the position stored in memory.

Spacious and easy to mount **waste tray**. Special **antistatic coating** to prevent paraffin adhesion and minimize the cleaning time. Ergonomic design that includes surface for arm rest.

The **handwheel** is perfectly balanced thanks to an innovating counterweight system and can be locked in any angular position by simply operating the brake mechanism through the lever. Smooth-working to minimize muscle strain.

Knife carrier system of outstanding stability. Blade holder slides sideways in both directions allowing use of the entire cutting edge and accepting low- and high-profile blades. All blade holders are equipped with finger guard for safety reasons. Precise, motorized **coarse feed** in two modes, continuous and step. In continuous mode, speed is selectable between slow and fast to prevent damages and ensure a controlled approach to the specimen

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.

