SPECIFICATIONS

Section thickness Total range in (μ) Thickness settings in (μ) :

0.5-100 in increments of 0,5 0,5-5

5-20

20-60 in increments of 5 60-100 in increments of 10

in increments of 1

Trimming

Total range in (μ)

1-600 Thickness settings in (μ) 1-10 in 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

28 ± 1mm Specimen feed (mm)

72 ± 1mm for sectioning of Vertical stroke (mm)

mega-cassettes

User interface 7" capacitive touchscreen display

Operating modes Rotational or Rocking (selectable)

Specimen retraction

Selectable between 5 – 250 Total range (μ)

Default value: 40µ

Optional function that can be

deactivated

Motorized coarse feed

(µm/sec)

300 (slow speed forward) 800 (fast speed forward)

1800 (superfast speed backwards) Additional function for forward/

backward feed in step mode

Two in One for high and Blade Holder Type

low profile blades

Max. specimen size (mm) 68x48x15 (w x h x d)

Super Cassete Clamp 68x48x15

Specimen orientation ± 8º horizontal and vertical

> Rotational capability: 360º Indication of 0-position by

means of click (x and y)

100-240 VAC / 50-60Hz Power requirements 40

Consumption (VA)

Dimensions

465 Width (mm) Depth with tray (mm) 540

Height (mm) 298 Weight (kg) 33,9





M240-4002C





M240-4101

M240-2100

ORDERING INFORMATION

M240-2200

M240-01: Microtome with knife carrier MR (for High and Low profile blades, lateral adjustment), quick release clamp.

M240-02: Microtome with knife carrier MR, (for High and Low profile blades, lateral adjustment), standard specimen clamp.

M240-03: Microtome with knife carrier ME (for High and Low profile blades, no lateral adjustment), quick release clamp.

M240-04: Microtome with knife carrier ME, (for High and Low profile blades, no lateral adjustment), standard specimen clamp.

OPTIONAL ACCESSORIES

M240-1000: Fixed specimen head

M240-1100: Orienting specimen head

M240-2100: Standard specimen clamp 55x50 mm

M240-2200: Universal specimen clamp (Quick Release Clamp) M240-4002C: Knife carrier for disposable blades, model MR

M240-4101: Knife carrier for disposable blades, model ME M240-4201: Knife carrier for standard knives, model MN M240-4301: Knife carrier for standard knives, model MC

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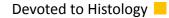


SEMI-AUTOMATED ROTARY MICROTOME

M-240

The Cut at its Finest





SEMI-AUTOMATED ROTARY MICROTOME

M-240

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

It provides the operational convenience and the stability required for outstanding sectioning in routine, research and industry applications.



SPECIMEN ORIENTING HEAD

Thanks to a blocking mechanism the easy to operate change system allows to work with different specimen clamps.

Indication of 0-position in x and y direction by palpable "click" for the precise alignment of the specimen.

QUICK RELEASE SPECIMEN CLAMP

Cutting-edge design of the specimen clamp that prevents building up of dirt and facilitates operations with the microtome.

The retraction function, that can be deactivated, helps extending the blade's shelf life.

USER FRIENDLY INTERFACE

Full color TFT 7" display with PCAD (projected capacitive) touchscreen. Size and tilt of the display allow an easy and effortless selection of the parameters and increase user safety.

All required parameters and functions are available on the main screen: section mode, section and trimming thickness, section counter, section sum, remaining travel, retraction and coarse feed, memory function.

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 WASTE TRAY

Special antistatic coating prevents paraffin adhesion and minimizes the cleaning time.

Ergonomic design with surface for arm rest.

Wide area on the top of the microtome for the storage of tools.

MOTORIZED SPECIMEN FEED

Precise, motorized coarse feed in two modes, continuous and step.

In continuous mode, speed is selectable between slow and fast to ensure a controlled specimen approach.

KNIFE CARRIER SYSTEM

Blade holder slides sideways in both directions allowing the use of the entire cutting edge. It accepts low- and high-profile blades.

All blade holders are equipped with finger guard for safety reasons.

SMOOTH AND ERGONOMIC HANDWHEEL

The handwheel is perfectly balanced thanks to an innovating counterweight system and can be locked in any angular position.

Cutting can be done by turning the handwheel clockwise or counterclockwise.

Smooth-working handwheel to minimize user fatigue.

