AUTOMATIC ROTARY MICROTOME

M-250

The Cut at its Finest



- ✓ **High quality sections with less fatigue**
- ✓ **Unmatched safety, reliability and consistency of results**

Equipped with the most innovative advancements, the M-250, suitable for all applications in routine, research and industry, synthesizes the quality and technological excellence of the Myr brand within the field of microtomy.







User interface:	Full color TFT 7” touchscreen. The size and tilt of the display allow an effortless selection of the parameters and increase user safety.
Parameters on the main screen:	Section mode, speed, electronic brake, manual brake, section and trimming thickness, section counter, section sum, remaining travel, coarse feed, retraction, memory function and cutting window.
Motorized coarse feed & Home return:	Continuous and step coarse feed. In continuous mode, speed is selectable between slow and fast to ensure a controlled specimen approach. Superfast backward speed to return the specimen to the home position for fast specimen exchange.
Sectioning Handwheel:	Innovating counterweight system with excellent balance for maximum comfort when manual sectioning is required. Smooth working to minimize muscle strain.
Electronic brake:	User incresed safety thanks to electronic brake.
Memorized position:	For higher productivity. Optimized position, for fast and efficient trimming, can be retrieved by simply pressing a key.
Waste tray-Storage area:	Spacious waste tray with antistatic coating to prevent paraffin adhesion and minimize the cleaning time. Ergonomic design that includes surface for arm rest. Wide area on the top of the microtome for the storage of tools.
Specimen orienting head:	Able to work with different specimen clamp types. Indication of 0-position in x and y direction by palpable click.
Control mouse:	Standard delivery includes a detachable control mouse for speed/start-stop functions.
Control panel:	With all existing functions in integrated touchscreen. Optionally available.
Cutting window:	Only upper position in cutting window needs to be memorized. Rest is done automatically.
Detachable handle:	Handwheel can be removed when sectioning in automatic mode.

Myr

SPECIFICATIONS

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- 10 in increments of 1
Thickness settings in (µ) 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 ± 1mm

Vertical stroke (mm) 72 ± 1mm for sectioning of mega-cassettes

User interface 7" capacitive touchscreen display

Operating modes Motorized: Interval, Single, Continuos and Multi Stroke
Manual: Rotational and Rocking

Specimen retraction
Total range (µ) Selectable between 5 – 250
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

Sectioning drive Motorized electronic feedback control

Sectioning speed 0,5 – 450 mm/sec

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

Max. specimen size (mm) 50x60x40 (w x h x d)
Super Cassete Clamp 68x48x15

Specimen orientation ± 8° horizontal and vertical Rotational capability: 360° Indication of 0-position by means of click (x and y)

Power requirements 100-240 VAC / 50-60Hz Consumption (VA) 100

Dimensions
Width (mm) 465
Depth with tray (mm) 540
Height (mm) 298
Weight (kg) 39

Do you want to know more about us?

SCAN ME



KNIFE CARRIER MR
M240-4002C



KNIFE CARRIER ME
M240-4101



UNIVERSAL CLAMP
M240-2200



STANDARD CLAMP
M240-2100

ORDERING INFORMATION

M250-01: Microtome with knife carrier MR (for High and Low profile blades, lateral adjustment), quick release clamp.

M250-02: Microtome with knife carrier MR, (for High and Low profile blades, lateral adjustment), standard specimen clamp.

M250-03: Microtome with knife carrier ME (for High and Low profile blades, lateral adjustment), quick release clamp.

M250-04: Microtome with knife carrier ME, (for High and Low profile blades, lateral adjustment), standard specimen clamp.

OPTIONAL ACCESSORIES

M250-1000: Footswitch
M250-2000: External control panel
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

Especialidades Médicas Myr S.L.
ISO 9001 / 13485 certified company
Lleida, 17-23
43712 Llorenç del Penedès - Spain
Tel. +34 977 66 8020
Fax. +34 977 66 8030
esp.medicas@myr.com.es
www.myr.com.es

Myr

Devoted to Histology