

MRS 3500
Ultra-Thin Semiautomatic Microtome

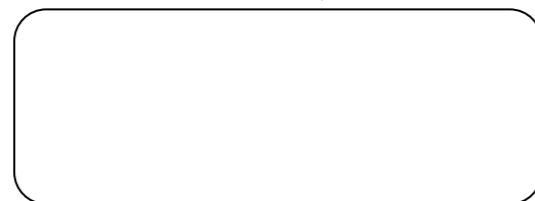
Technical features

Sectioning thickness setting range
Range of the slice thickness: 0,25 - 100 µm 0,25 to 1 µm in 0,25 µm increments 1 to 10 µm in 1 µm increments 10 to 20 µm in 2 µm increments 20 to 60 µm in 5 µm increments 60 to 100 µm in 10 µm increments
Movable range for the blade holder basal
Forward/Backward: ±65 mm Left / Right: ±40 mm
Object feed
26 mm +1 mm,
Specimen orientation
Axes X and Y: 0 to +/- 8 ° , with the zero point
Vertical stroke
52 mm

Trimming sectioning thickness setting range
Range of the slice thickness: 1 - 900 µm 1 to 10 µm in 1 µm increments 10 to 20 µm in 2 µm increments 20 to 100 µm in 5 µm increments 100 to 900 µm in 50 µm increments
Maximum specimen size
50 X 70 X 40 mm
Size and weight
Width (with hand wheel): 413 mm Depth (including tray): 618 mm Height: 305 mm Weight (without accessories): 30 kg Maximum power draw: 100 V/A
Certifications
CE-IVD

For up-to-date developments, please refer to the instrument data sheet. Technical specifications are subject to change without notice.

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English

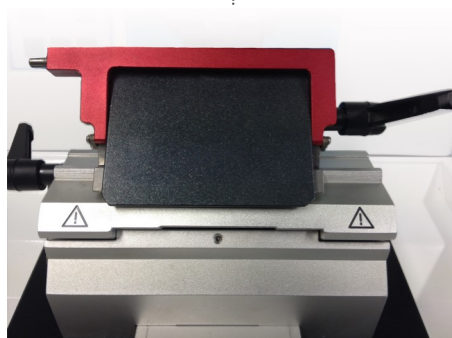
Removable upper tray for convenient placement of blades, brushes and other ancillary tools.

Universal cassette clamp for single hand operation: definitely the easiest way to clamp/remove specimens. The sample holder arm is equipped with a mechanism that allows a quick and precise orientation along the x and y.

The model come with our most popular blade holder. "Dual use" blade holder for high and low profile blades is available on requests. Lateral displacement feature facilitates the use of the entire blade without moving the actual blade in the holder.

Wide waste collection tray is securely held into position, yet easy to remove for emptying and cleaning.

New blade holder with finger safe



Choose between "Standard" version for full-handwheel rotation manual sectioning or "Ultra" version for experience Rocking cutting mode (back and forth turn handwheel over a short distance) with Smart features like selectable retraction fast "trim-to-cut" switch mode.



Wide range of accessories and consumables on request



High precision specimen feeding provides consistent section quality between 0.25 µm and 60 µm. Designed for the executions of cutting extremely fine, with increments of 0.25 µm from 0 to 1 micron, for sensitive staining method.



The display, located gives indication of the working parameters:

- Cutting thickness
- Trimming thickness
- Operating modes "Cutting / trimming"
- Partial and total section counter



Sample orientation is simple and precise. A useful circular bubble level is placed over the holder for precise flat orientation.