



MICROTOME
CUT 5062

SEMI-AUTOMATIC
ROTARY MICROTOME

MICROTOME
CUT 5062 +

SEMI-AUTOMATIC
ROTARY MICROTOME
WITH ADDITIONAL
COARSE FEED HANDWHEEL

DESIGN &
MANUFACTURING
MADE IN GERMANY

CUT 5062 / 5062 + Semi-automatic precision microtome

The Slee semi-automatic precision microtome **CUT 5062** is designed for all applications in routine, research or industry. Years of experience and customer input have contributed to create one of the best semi-automatic microtomes available. The **CUT 5062** combines highest precision with user friendliness as well as best comfort. Like all Slee microtomes, the **CUT 5062** comes with a complete set of standard components which can be individually adapted to customer's needs, ready to be used out of the box. The **CUT 5062 +** comes with an additional coarse feed handwheel.



Highlights

- Ergonomic design
- Spacious, integrated section waste tray
- Wide range of accessories
- Intuitive control panel
- Handwheel lock in any position
- Blade holder levers changeable (for left-handed users)
- 2 operation modes (standard and rocking mode)
- Motorized trimming up to 750 μm , programmable
- Motorized advance / return of specimen (2 speeds)
- Display of section counter, section sum and remaining travel
- Tip function for precise specimen approach
- 2 specimen feed memory positions
- Variable retraction
- External control panel
- Second handwheel brake
- CUT 5062 + with additional coarse feed handwheel

	Item No.
CUT 5062 100 - 240 V, 50/60 Hz	10070001
CUT 5062 100 - 240 V, 50/60 Hz (only usable in combination with Aquatec system, without blade holder; with universal cassette clamp)	10070010
CUT 5062 + 100 - 240 V, 50/60 Hz with additional coarse feed handwheel	10070004

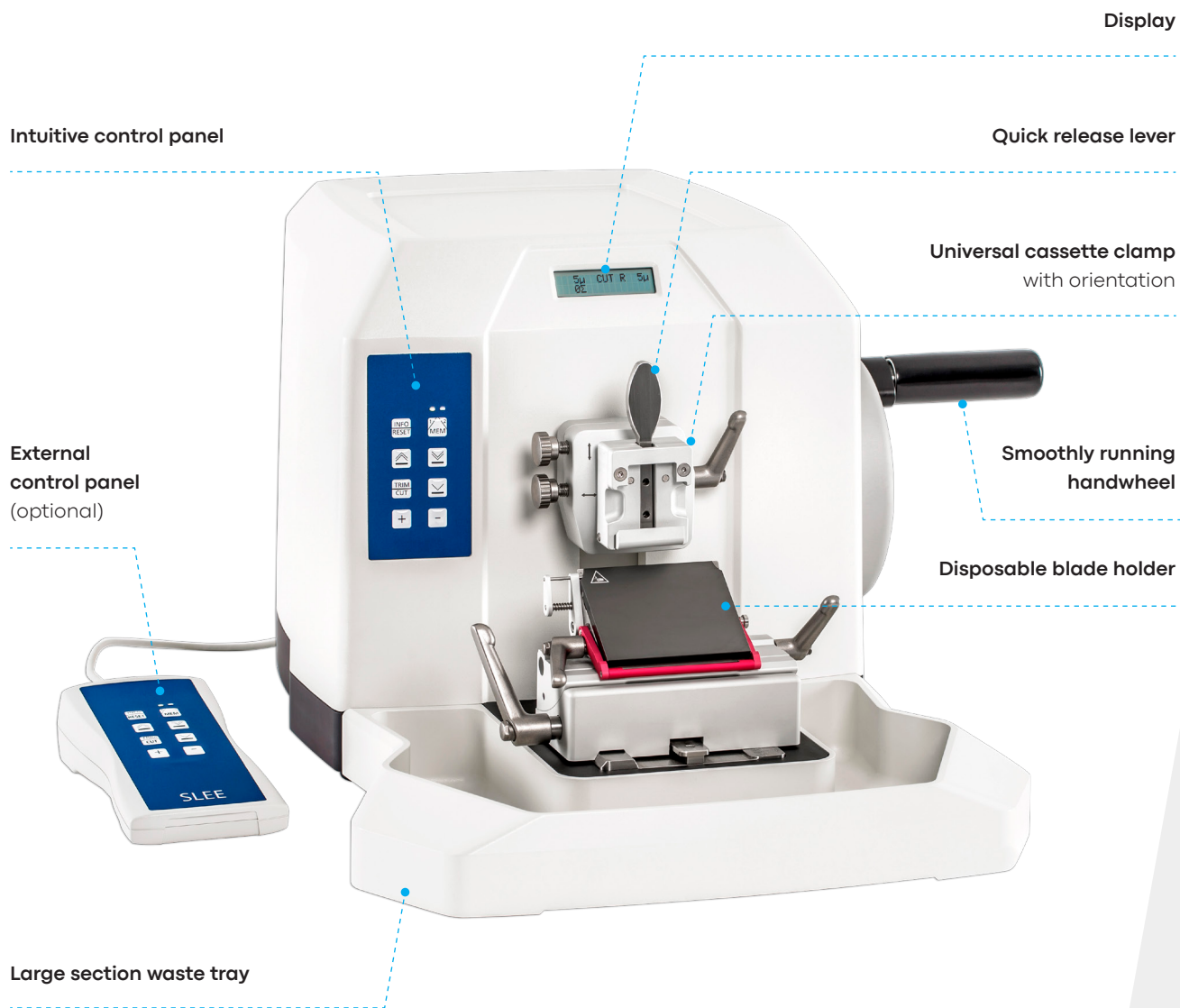


Standard components

Specimen orientation
Universal cassette clamp , orientable (alternatively: standard specimen clamp, orientable)
Disposable blade holder (alternatively: standard knife holder)
Section waste tray
Disposable blades , low profile (1 box, 50 pcs.)
Dust cover
Mains cable
Manual

Specifications

Section thickness range	0.5 - 100 µm
	0.5 - 2 µm in 0.5-µm-steps 2 - 20 µm in 1-µm-steps
Section thickness settings	20 - 50 µm in 2-µm-steps 50 - 100 µm in 5-µm-steps
Trim thickness range	5 - 750 µm
	5 - 20 µm in 1-µm-steps 20 - 50 µm in 2-µm-steps 50 - 150 µm in 5-µm-steps
Trim thickness settings	150 - 750 µm in 10-µm-steps
Horizontal advance	28 mm
Feed speed SLOW	75 / 150 / 300 / 600 µm/s
Feed speed FAST	3,000 µm/s
Coarse feed hand-wheel (only CUT 5062 +)	up to 3,000 µm / s max.
Vertical stroke	72 mm
Specimen retraction	0 - 200 µm, selectable
Specimen orientation	x/y axis ± 8°, rotation 360°
Electrical parameters	100 - 240 V, 50/60 Hz
Dimensions (w x d x h)	520 x 600 x 325 mm
Weight	33 kg



Coarse feed handwheel



CUT 5062 +

Optional accessories

Item No.

Aquatec system 10090056

MTR bench top quick freezing unit 10110000

Magnifier with illumination (dimmable) 10090060

2nd lock handwheel 10090024

External control panel CUT 5062 10090050

TC65 disposable blade holder
(for tungsten carbide blades) 10090041

Tungsten carbide blade (1 pcs.) 28406000

Disposable blades
(cf. consumables)

Brush set (7 pcs., size 2 - 16) 30001031

Glass knife holder
(for triangle glass knives) 10090014

Segment arc
incl. universal sample holder
(for glass knife holder application) 10090015

Optional accessories

Item No.

Super Mega cassette clamp,
orientable 10090027

Super Mega cassette clamp, fixed 10090021

Standard specimen clamp, orientable 10090006

Standard specimen clamp, fixed 10090007

Foil clamp
(use in standard specimen clamp) 10090025

Standard knife holder (top part),
incl. knife holder basis 10090008

Prism (set) 10090017

Round specimen holders
(different diameters) on demand

More on request

new

Intuitive use

Having a variety of features sometimes ends up in difficult usage, but not with the CUT 5062: The device can be easily controlled via the intuitive control panel.



All in sight

All settings can be easily seen and monitored in the LCD display being in height of the eyes of the user at the front side of the CUT 5062.



Beyond standard application

The high precision microtomes of the **CUT** series are the basis for almost all applications where high-quality sectioning is requested. Together with add-on equipment such as the **MTR** bench top quick-freezing unit or the **Aquatec** system the **CUT** microtomes are ready for any kind of high performance cutting in the field of medical and industrial applications.

Precise orientation



The specimen orientation on the x and y axis enables fast alignment of the specimens in the desired position.

Flexible



Full flexibility due to the disposable blade holder or standard knife holder and the multiple clamps for any kind of specimen. The clamping levers and blade ejector are changeable (from left to right).

Easy to clean



The design of the CUT microtomes supports the simplest and easiest cleaning possible.

Section waste tray



The large waste tray fits perfectly to the base plate of the microtome and collects the waste during sectioning. Disposal of cutting waste is easy and fast.



Perfect fit

The best microtome is nothing without the perfect blade. We offer premium quality high and low profile plasma blades as well as tungsten carbide blades and PTFE coated disposable blades.



Best sight

To make even small biopsy samples visible, CUT microtomes can be equipped with a magnifier with dimmable illumination (optional).



Safety

The easy to operate handwheel can be locked in any position. This ensures user's safety as well as protection for the sample. The blade holder features a finger protection system for increased safety.



Organized

All tools needed for sectioning can be placed on the special area on top of the microtome housing. This allows fast and fatigue-free working.



Ergonomics

All CUT microtomes have been created with the user in mind - ergonomics are just as important as the quality of the section. Fits perfectly on ergotec series workstations.



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