

slee solutions for pathology

MICROTOME
CUT 6062

FULLY-AUTOMATIC
ROTARY MICROTOME

DESIGN &
MANUFACTURING
MADE IN GERMANY

CUT 6062 Fully-automatic precision microtome

*The Slee fully-automatic precision microtome **CUT 6062** is designed for all applications in routine, research or industry. Years of experience and customer input have contributed to create one of the best fully-automatic microtomes available. The **CUT 6062** combines highest precision with user friendliness as well as best comfort. The motorized sectioning combined with innovative features and accessories make the **CUT 6062** unique. Like all Slee microtomes, the **CUT 6062** 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.*



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)*
- *Highly efficient motorized sectioning (section window / variably adjustable cutting speeds)*
- *7 different operation modes (motorized: continuous, program, single step, step, window | manual: 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*

	Item No.
CUT 6062 100 - 240 V, 50/60 Hz	10080001
CUT 6062 100 - 240 V, 50/60 Hz (only usable in combination with Aquatec system, **without** blade holder; with universal cassette clamp)	10080010

new

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.)

Foot switch for motor drive

Dust cover

Mains cable

Manual

Specifications

Section thickness range	0.5 - 100 µm
Section thickness settings	0.5 - 2 µm in 0.5-µm-steps 2 - 20 µm in 1-µm-steps 20 - 50 µm in 2-µm-steps 50 - 100 µm in 5-µm-steps
Trim thickness range	5 - 750 µm
Trim thickness settings	5 - 20 µm in 1-µm-steps 20 - 50 µm in 2-µm-steps 50 - 150 µm in 5-µm-steps 150 - 750 µm in 10-µm-steps
Horizontal advance	28 mm
Feed speed SLOW	75 / 150 / 300 / 600 µm/s
Feed speed FAST	normal 3,000 µm/s
Vertical stroke	72 mm
Cutting speed	up to 450 mm/s
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	34 kg

Display

Intuitive control panel

Quick release lever



Universal cassette clamp
with orientation

External control panel
(optional)

Smoothly running handwheel,
collapsible

Disposable blade holder

Large section waste tray

Collapsible handle



The handle of the handwheel of the CUT 6062 can be folded in to increase safety when the cutting motor is in operation.

Comfort



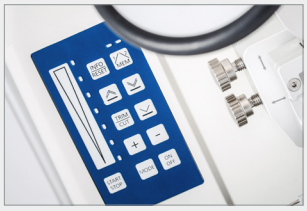
For enjoying highest comfort when using CUT 6062, the device is delivered with a foot switch as a standard accessory.

Optional accessories	Item No.
Aquatec system	10090056
MTR bench top quick freezing unit	10110000
Magnifier with illumination (dimmable)	10090060
2nd lock handweel	10090024
External control panel CUT 6062	10090051
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

new

Optional accessories	Item No.
Super Mega cassette clamp, orientable	10090027
Super Mega cassette clamp with clamping lever and level, orientable	10090070
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	

Intuitive use



Having a variety of features sometimes ends up in difficult usage, but not with the CUT 6062: 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 6062.

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



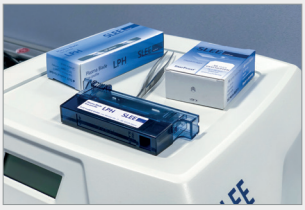
To make even small biopsy samples visible, CUT microtomes can be equipped with a magnifier with dimmable illumination (optional).

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.

Brochure_CUT_6062_2025-11-010.00_EN



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