



slee solutions
for
pathology

MICROTOME
CUT 5062

SEMI-AUTOMATIC
ROTARY MICROTOME

DESIGN &
MANUFACTURING
MADE IN GERMANY

CUT 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.



Highlights

- Ergonomic design
- Spacious, integrated section waste tray
- Wide range of accessories
- Intuitive control panel
- Hand wheel 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 (optional)
- Second hand wheel brake (optional)

Item No.**CUT 5062 100 - 240 V, 50/60 Hz**

10070001

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

**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 settings

0.5 - 750 µm

0.5 - 2 µm in 0.5-µm-steps

2 - 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

normal 3,000 µm/s

Vertical stroke

72 mm

Specimen retraction

0 - 200 µm, selectable

Specimen orientation

± 8°

Electrical parameters

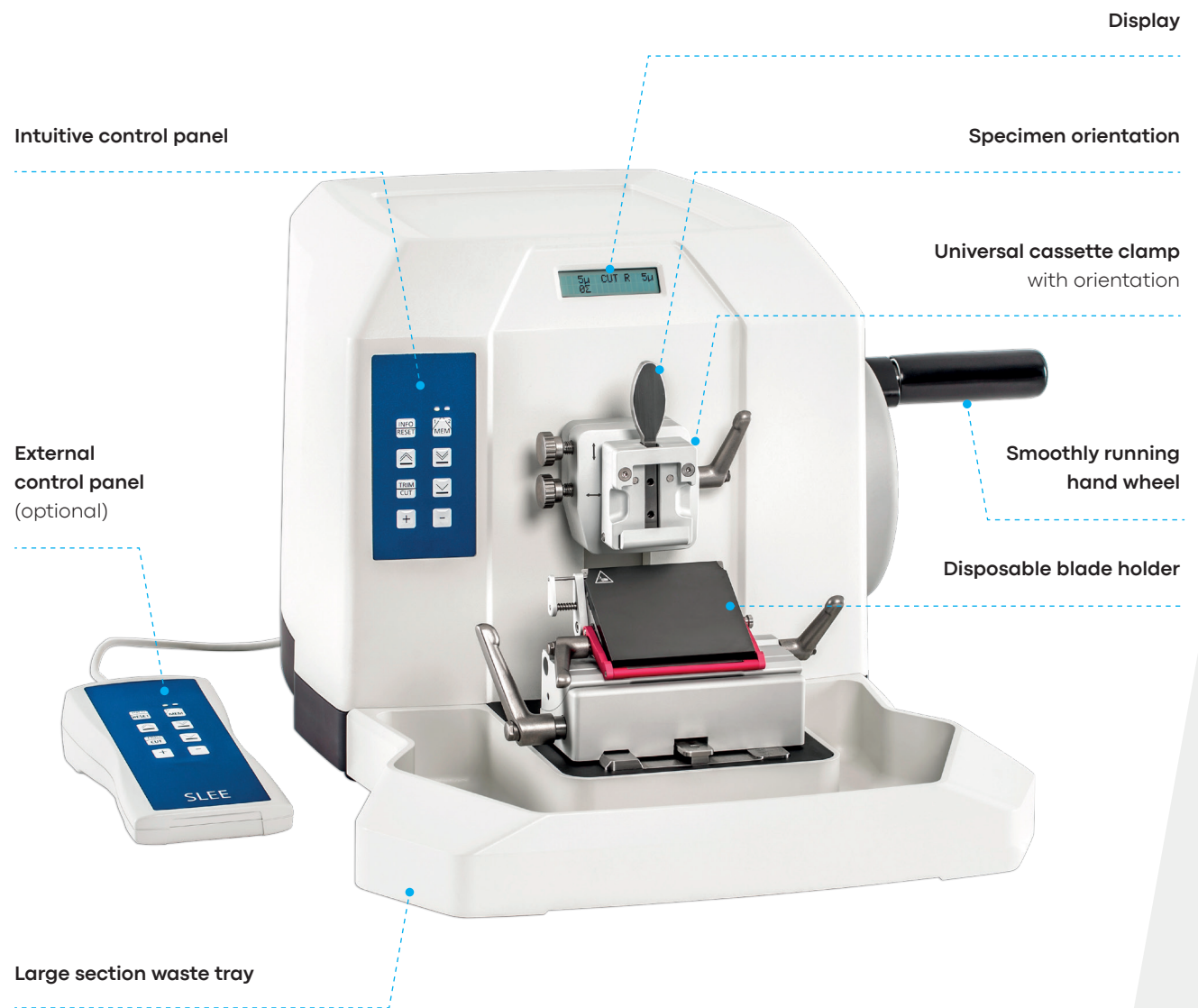
100 - 240 V, 50/60 Hz

Dimensions (W x D x H)

520 x 600 x 325 mm

Weight

33 kg



Optional accessories	Item No.
Aquatec system	10090056
MTR bench top quick freezing unit	10110000
Magnifier with illumination (dimmable)	10090060
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)	
Glass knife holder (for triangle glass knives)	10090014
Segment arc incl. universal sample holder (for glass knife holder application)	10090015

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.



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	10090008
Knife holder basis unit	10090011
Prism (set)	10090017
Round specimen holders (different diameters)	on demand
More on request	

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 hand wheel 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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