



slee solutions
for
pathology

PRODUCT CATALOG

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

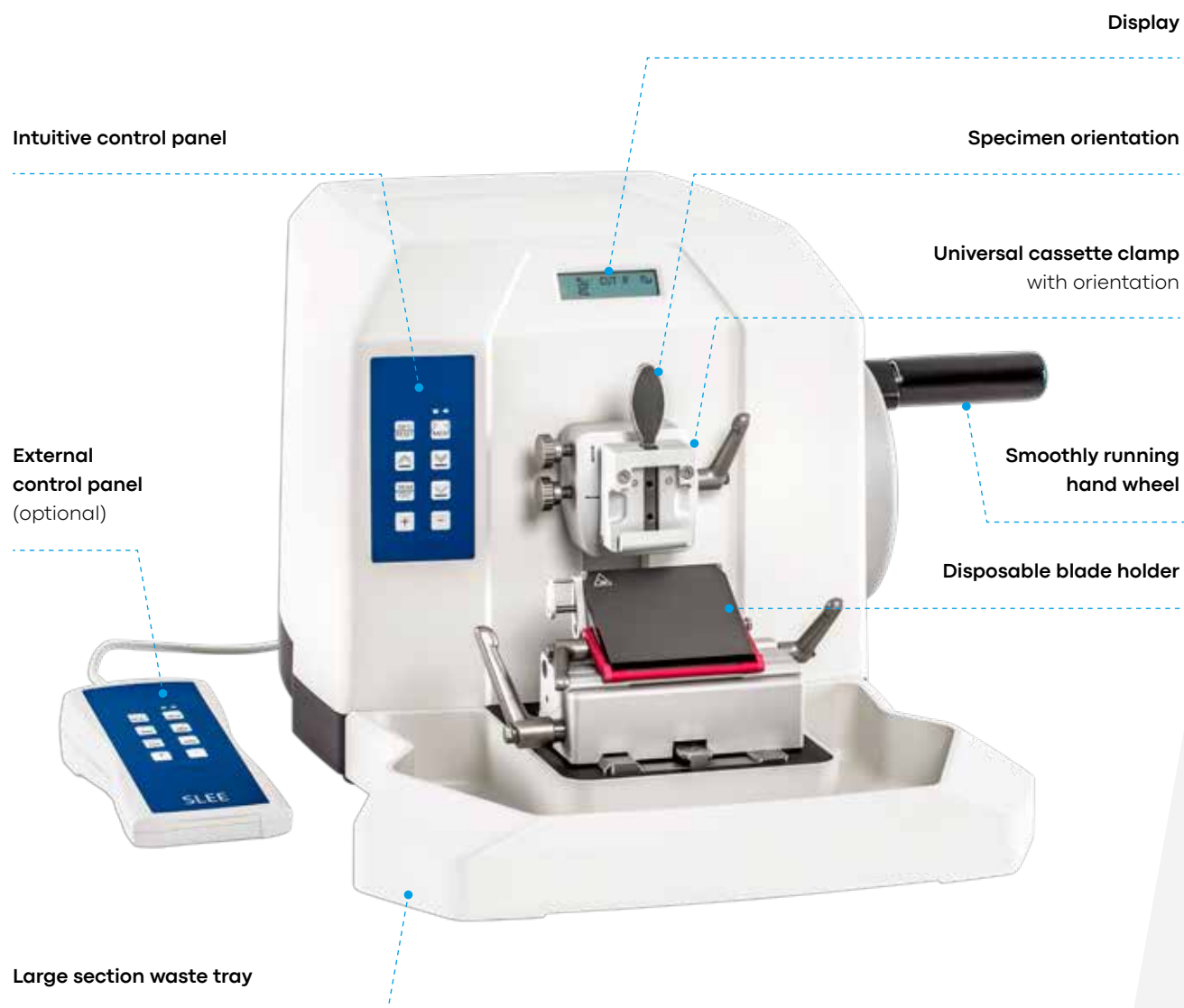
100 - 240 V, 50/60 Hz

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.

