



slee solutions
for
pathology

MICROTOME
CUT 4062

MANUAL
ROTARY MICROTOME

DESIGN &
MANUFACTURING
MADE IN GERMANY

CUT 4062 Manual **precision microtome**

The Slee precision microtome **CUT 4062** is designed for all applications in routine, research or industry. Years of experience and customer input have contributed to create one of the best manual microtomes available. The **CUT 4062** combines highest precision with user friendliness as well as best comfort. Like all Slee microtomes, the **CUT 4062** 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
- Hand wheel lock in any position
- Blade holder levers changeable (for left-handed users)
- Specimen retraction with upstroke
- Section counter (optional)
- Second hand wheel brake (optional)
- Coarse feed wheel reversible direction (on demand)

Item No.

CUT 4062

10065000

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.)

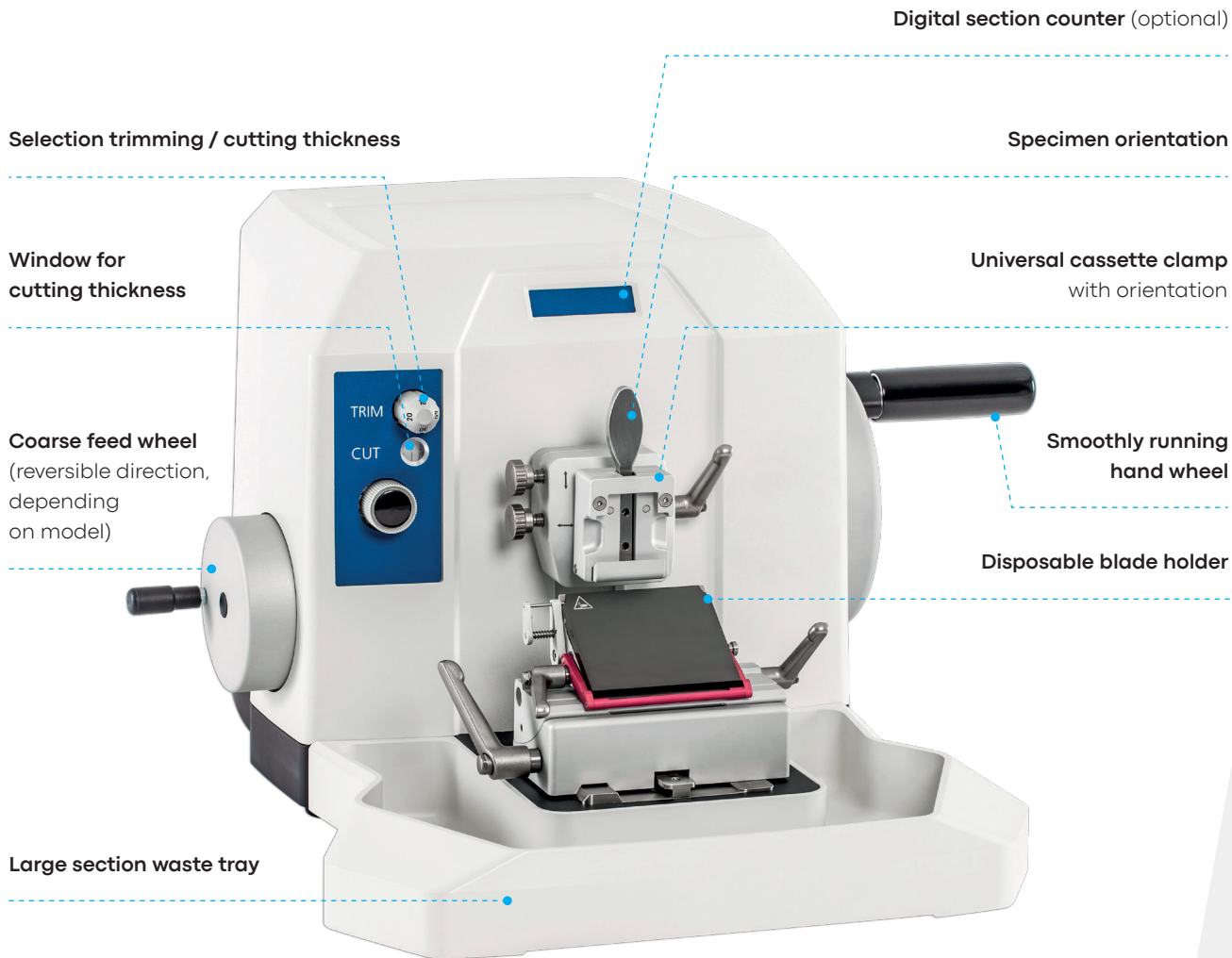
Dust cover

Mains cable

Manual

Specifications

Section thickness range	0.5 - 60 μm
Section thickness settings	0.5 - 2 μm in 0.5- μm -steps 2 - 10 μm in 1- μm -steps 10 - 60 μm in 2- μm -steps
Trim thickness settings	10 μm , 20 μm , 30 μm , 40 μm
Horizontal advance	28 mm
Vertical stroke	60 mm
Specimen retraction	automatic
Specimen orientation	$\pm 8^\circ$
Dimensions (W x D x H)	560 x 550 x 325 mm
Weight	33 kg



Digital section counter (optional)

Selection trimming / cutting thickness

Specimen orientation

Window for cutting thickness

Universal cassette clamp with orientation

Coarse feed wheel (reversible direction, depending on model)

Smoothly running hand wheel

Disposable blade holder

Large section waste tray

Optional accessories	Item No.
Aquatec system	10090056
MTR bench top quick freezing unit	10110000
Magnifier with illumination (dimmbable)	10090060
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

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
Section counter	10090020
More on request	

Easy to use



Trim and cutting thickness are easily adjustable via the centrally located controls. Through the viewing window the set cutting thickness can be seen at any time.

Section counter



Optional digital section counter at eye level.

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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