

CUT 4062

Manual rotary precision microtome



High precision

Smooth operation

Ergonomic design

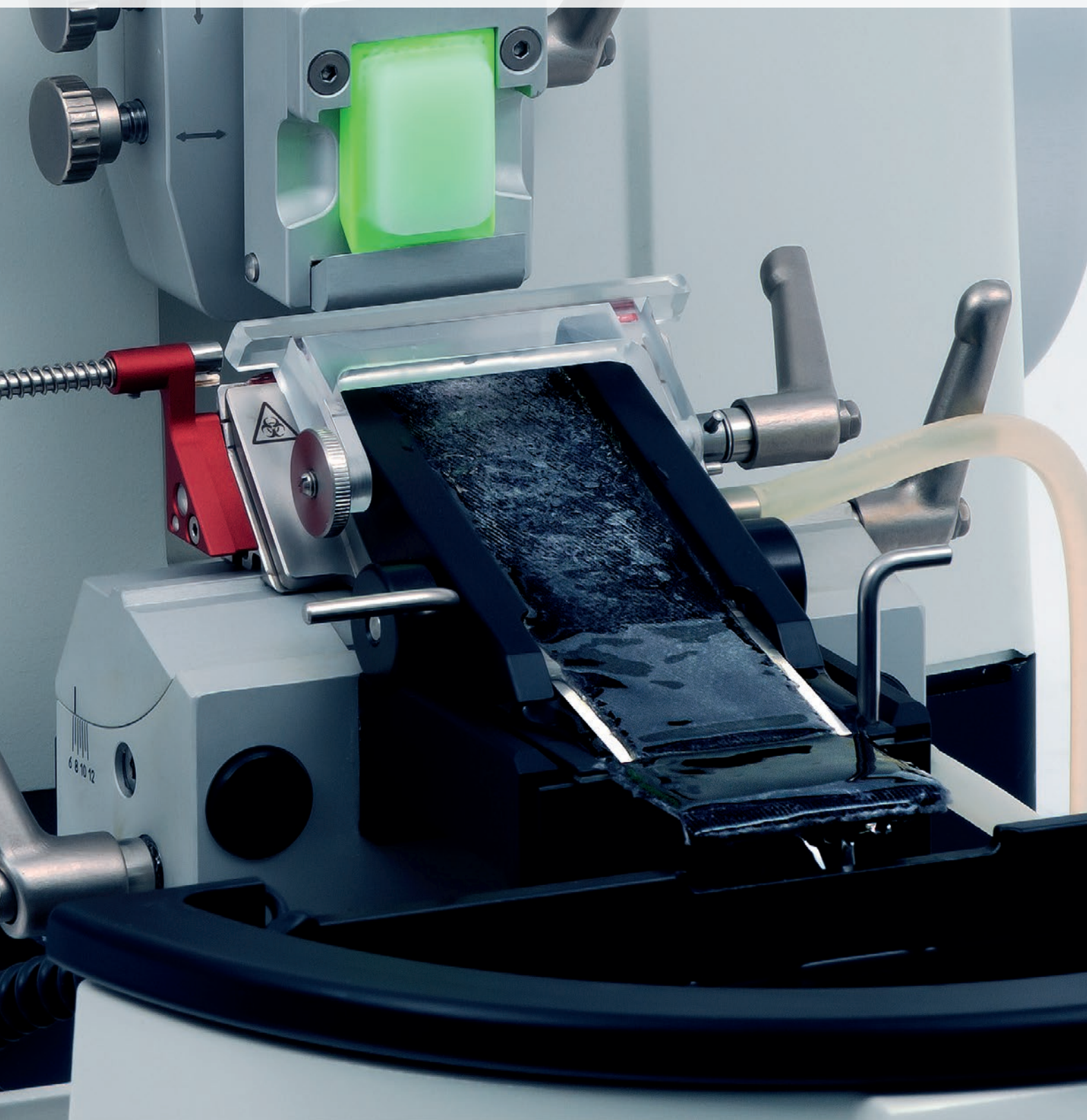
Wide range of
accessories

DESIGN AND MANUFACTURING
MADE IN GERMANY



Beyond standard application

The high precision microtomes of the CUT series are the basis for best quality sectioning. Together with add-on equipment such as the MTR bench top quick-freezing unit, the Aquatec system or the video viewing devices, the system is ready for any kind of high performance sectioning in the field of medical and industrial applications.





CUT 4062

Manual rotary precision microtome

The SLEE medical manual rotary 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 being available. The CUT 4062 combines highest precision with user friendliness as well as best comfort and ergonomics. Like all SLEE medical microtomes, the CUT 4062 comes with a complete set of standard components, 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)
- Section counter (optional)
- Specimen retraction
- Coarse feed wheel reversible direction (on demand)
- Second hand wheel brake (optional)

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	± 8 °
Dimensions (width x depth x height)	560 x 550 x 325 mm
Weight	33 kg

Selection trimming/cutting thickness

Coarse feed wheel (reversible direction)

Large section waste tray

Smoothly running hand wheel

Universal cassette clamp with orientation

Disposable blade holder



Precise orientation

The one-handed specimen orientation on the x- and y-axis as well as the blade holder positioning scale on the base plate allow a fast alignment.



Flexible

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



Easy to clean

The usage of paraffin leads to the need to clean the microtome. The CUT 4062 design helps to make cleaning as easy as possible.



Section waste tray

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



Best sight

To make even small biopsy samples visible, the CUT 4062 can be optionally equipped with a magnifier with illumination.



Safety

The handwheel can be locked in any position. The blade holder features a finger protection system for increased safety. A second handwheel brake is optionally available.



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

The CUT 4062 has been created with the user in mind – ergonomic is just as important as the section quality. Perfect fit for workplaces of the ergotec series.





Aquatec system (shown on CUT 6062)



MTR Bench top quick-freezing unit

Perfect fit

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



Standard components

Basic instrument

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.)

Operation Manual

Dust cover

Optional accessories

Aquatec system #10090056

MTR Bench top quick-freezing unit #10110000

Magnifier with illumination #10090060

TC65 Disposable blade holder #10090041
(for tungsten carbide blades)

Tungsten carbide blades (1 pcs.) #28406000

Glass knife holder (for triangle glass knives) #10090014

Specimen arc #10090015
(for glass knife holder application)

Super Mega Cassette Clamp, orientable #10090027

Super Mega Cassette Clamp, fixed #10090021

Standard Object clamp, fixed #10090026

Foil clamp #10090025

Prism (Set) #10090017

Round specimen holders
(different diameters on demand)

More on request

Innovation in functionality and ergonomics



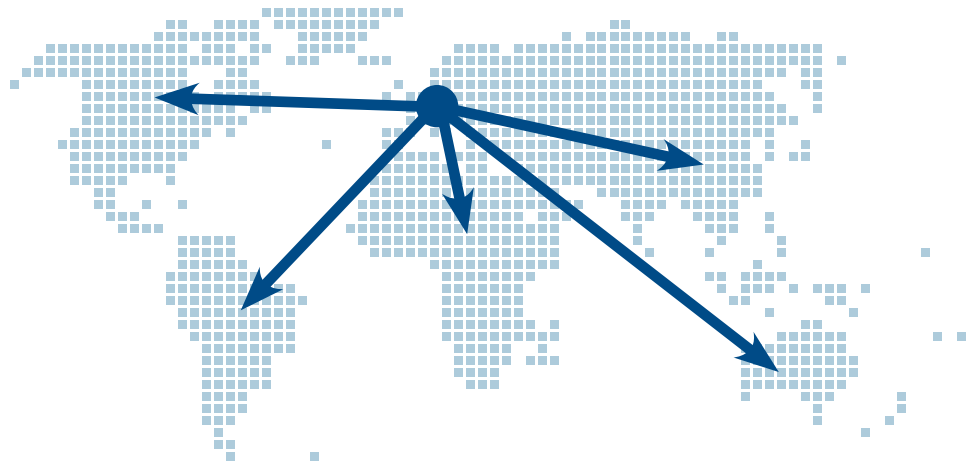
Aquatec system (shown on CUT 6062)



Ergotec
height adjustable workplace with optionally
integrated cooling plate and water bath

Cooperation with distribution partners all over the globe.

Africa
Asia
Australia
Europe
Middle East
North America
South America



SLEE medical GmbH

Lise-Meitner-Strasse 11
55129 Mainz · Germany

Tel. +49 6131 95871-0

LinkedIn **YouTube**

mail@slee.de
www.slee.de