

CUT 6062

Fully-automatic rotary precision microtome



High precision

Motorized advance
and sectioning

Ergonomic design

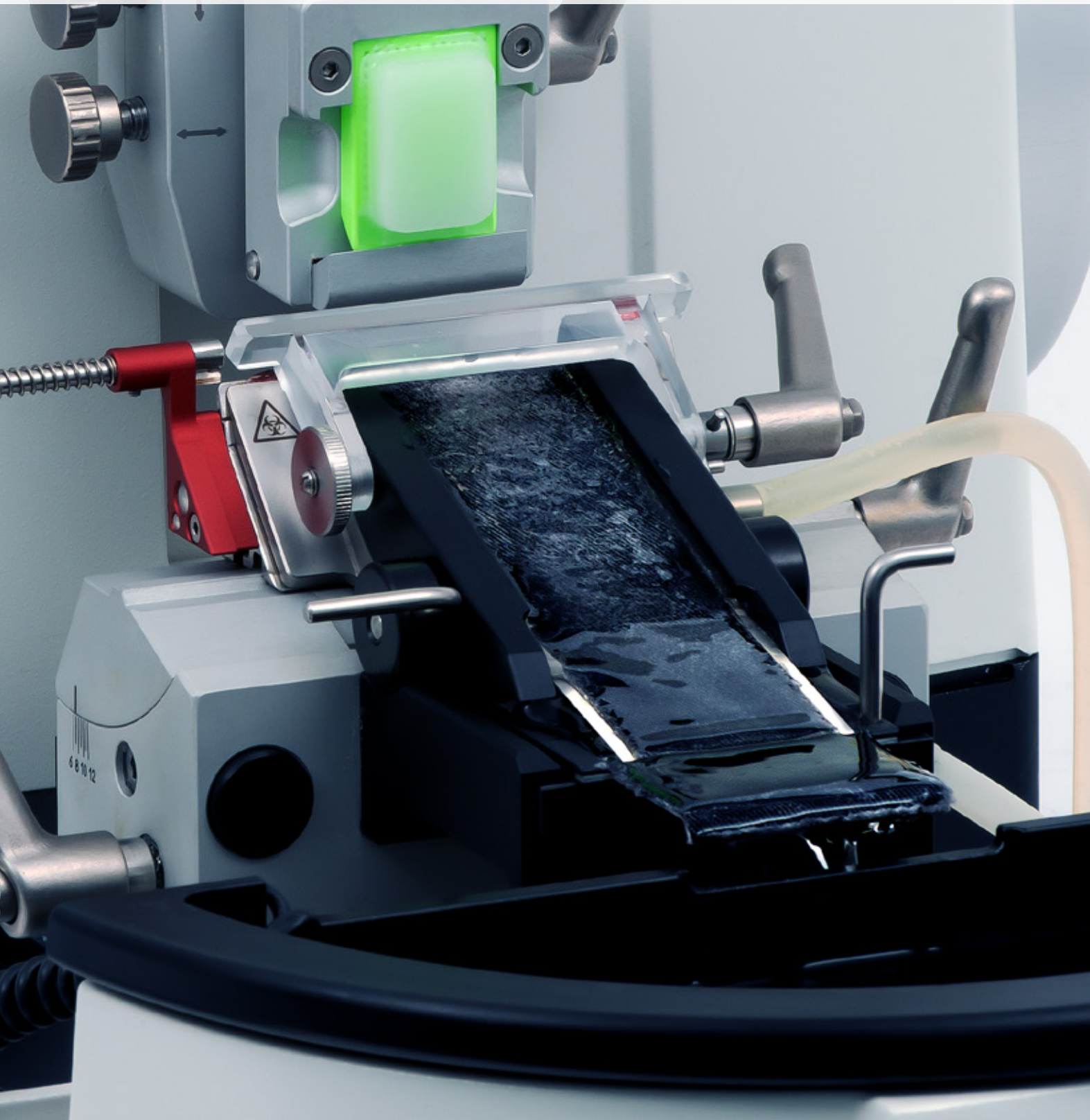
Wide range of
accessories

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 6062

Fully-automatic rotary precision microtome

The SLEE medical fully-automatic rotary 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 being available. The CUT 6062 combines highest precision with user friendliness as well as best comfort and ergonomics. The motorized sectioning combined with innovative features and accessories make the CUT 6062 unique. Like all SLEE medical microtomes, the CUT 6062 comes with a complete set of standard components, ready to be used out of the box and a wide range of accessories to customize where needed.

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)
 - High 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 750µm, programmable
 - Motorized advance/return of specimen (2 speeds)
 - Section counter (stroke/distance)
 - 2 specimen feed memory positions
 - Variable retraction
-
- External control panel (optional)
 - Second hand wheel brake (optional)

Specifications

Section thickness range	0.5–100µm
Section thickness settings	0.5–2µm in 0.5-µm steps 2–20µm in 1-µm steps 20–50µm in 2-µm steps 50–100µm in 5-µm steps
Trim thickness settings	0.5–750µm 0.5–2µm in 0.5-µm steps 2–20µm in 1-µm steps 20–50µm in 2-µm steps 50–150µm in 5-µm steps 150–750µm in 10-µm steps
Horizontal advance	28mm
Vertical stroke	72mm
Specimen retraction	0–200µm selectable
Specimen orientation	± 8 °
Dimension (width x depth x height)	520 x 600 x 325 mm
Weight	34kg



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 microtome 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, CUT microtomes 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

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





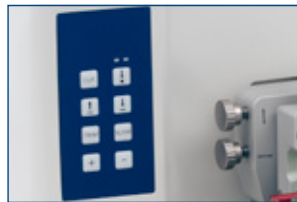
aquatec system



MTR Bench top quick-freezing unit

Intuitive use

Having a variety of features sometimes ends up in difficult usage. Not with the CUT 6062 which can be easily controlled via the intuitive control panel.



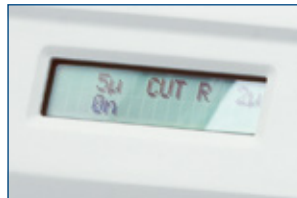
Comfort

For enjoying highest comfort when using CUT 6062, these instruments are delivered with a foot switch as a standard accessory.



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.



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.)
Foot switch for motor drive
Mains cable
Operation Manual
Dust cover

Optional accessories

	Item No.
aquatec system	10090056
MTR Bench top quick-freezing unit	10110000
Magnifier with illumination	10090060
Remote control panel CUT 6062	10090051
TC65 Disposable blade holder (for tungsten carbide blades)	10090041
Tungsten carbide blades (1 pcs.)	28406000
Glass knife holder (for triangle glass knives)	10090014
Segment arc incl. universal sample holder (for glass knife holder application)	10090015
Super Mega cassette clamp , orientable	10090027
Super Mega cassette clamp , fixed	10090021
Standard specimen clamp , fixed	10030007
Foil clamp	10090025
Prism (Set)	10090017
Round specimen holders (different diameters on demand)	
More on request	

Innovation in functionality and ergonomics



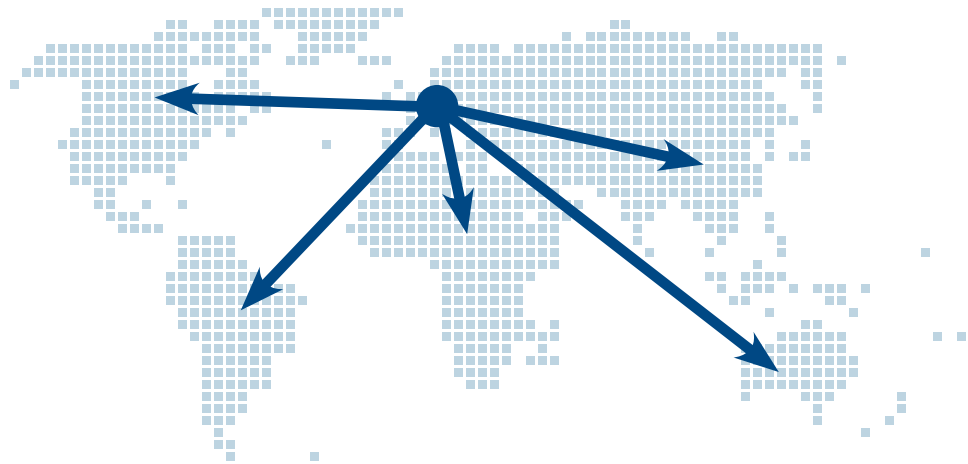
aquatec system (shown on CUT 6062)



ergotec
height-adjustable workplace with optionally
integrated cooling plate and water bath

Cooperation with distribution partners all over the globe.

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