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/variously 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

<table>
<thead>
<tr>
<th>Section thickness range</th>
<th>0.5–100µm</th>
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| 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 | 520 x 600 x 325 mm |
| Weight | 34kg |

CUT 6062 100–230V, 50/60Hz
Item No. 10080001
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.
For enjoying highest comfort when using CUT 6062, these instruments are delivered with a foot switch as a standard accessory.

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.

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

- 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.

Africa
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Europe
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