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.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section thickness range</td>
<td>0.5–60μm</td>
</tr>
<tr>
<td>Section thickness settings</td>
<td>0.5–2μm in 0.5-μm steps</td>
</tr>
<tr>
<td></td>
<td>2–10μm in 1-μm steps</td>
</tr>
<tr>
<td></td>
<td>10–60μm in 2-μm steps</td>
</tr>
<tr>
<td>Trim thickness settings</td>
<td>10μm, 20μm, 30μm, 40μm</td>
</tr>
<tr>
<td>Horizontal advance</td>
<td>28mm</td>
</tr>
<tr>
<td>Vertical stroke</td>
<td>60mm</td>
</tr>
<tr>
<td>Specimen retraction</td>
<td>automatic</td>
</tr>
<tr>
<td>Specimen orientation</td>
<td>± 8 °</td>
</tr>
<tr>
<td>Dimensions</td>
<td>560 x 550 x 325mm</td>
</tr>
<tr>
<td>Weight</td>
<td>33kg</td>
</tr>
</tbody>
</table>

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)
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.

Precise orientation

Coarse feed wheel (reversible direction)

Large section waste tray

Smoothly running hand wheel

Universal cassette clamp with orientation

Disposable blade holder

Selection trimming/cutting thickness

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.

Flexible

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.
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**

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

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