

Rotary Microtome CUT 4062

The manual precision microtome



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SLEE
M A I N Z

Standard unit for Paraffin sections and research-, plastic- and industrial applications.

- ▶ *Manual unit*
- ▶ *Automatic retraction on return stroke*
- ▶ *Comfortable trim function in 4 steps (10, 20, 30 or 40 µm)*
- ▶ *Coarse advance via side positioned hand wheel*
- ▶ *Specimen size up to 50 x 50 mm with standard object clamp or standard cassette size for universal cassette clamp*
- ▶ *Acoustic signal for end position of specimen movement*
- ▶ *The equipment is supplied completely useable including:*
 - *Object orientation unit alternatively fixed*
 - *Universal cassette clamp alternatively standard object clamp*
 - *Knife holder base with disposable blade holder low profile or high profile alternatively standard knife holder*
 - *Section waste tray*



Trim function in 10, 20, 30, 40 µm



CUT 5062 – semi automatic model



CUT 6062 – fully automatic model

Technical Data

Range of thickness	0,5 µm – 60 µm
Increments	0,5 µm from 0,5 µm – 2 µm 1,0 µm from 2 µm – 10 µm 2,0 µm from 10 µm – 60 µm
Horizontal specimen advance	28 mm
Vertical stroke	60 mm
Specimen orientation	XY-Axes: 8°, Z-Axes: 360°
Advance for trimming	10 µm, 20 µm, 30 µm, 40 µm

Weight and Dimensions	Depth x Width x Height
Dimensions (in mm)	495 x 400 x 290
Dimensions packed (in mm)	650 x 550 x 480

Weight net	27 kg
Weight packed	39 kg

Art.-No. 10065000

Please ask for other units for Histopathology and consumables as well as laminar flow equipment.

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Rotary Microtome CUT 5062

Precise semi-automation in modular design



Microtomes
CUT 4062
▶ CUT 5062
CUT 6062
MTR

Cryostats

Paraffin

Embedding Centers

Tissue processors

Stainers

Cover slipper

Knife sharpener

Floating bath

Slide warmer

Rotary Microtome CUT 5062

Precise semi-automation in modular design



Standard unit for paraffin sections and research-, plastic- and industrial applications. The semiautomatic unit offers additional advantages against our manual microtomes whilst retaining all essential features of this series. Additional features are:

- ▶ *Motorised trimming up to 300 µm, free programmable*
- ▶ *Motorised advance / return of specimen*
- ▶ *Advance automatic in 2 speeds*
- ▶ *Specimen size up to 50 x 50 mm with standard object clamp or standard cassette size for universal cassette clamp*
- ▶ *Universal power input 100 – 240 V, 50/60 Hz*
- ▶ *Equipped with retraction, free programmable up to 200 µm*
- ▶ *Electric automatic stop function*
- ▶ *The equipment is supplied completely useable including:*
 - *Object orientation unit alternatively fixed*
 - *Universal cassette clamp alternatively standard object clamp*
 - *Knife holder base with disposable blade holder low profile or high profile alternatively standard knife holder*
 - *Section waste tray*



The operating pad for advance / retraction, slow motion, cutting thickness adjustment and trimming



CUT 4062 – manual model



CUT 6062 – fully automatic model

Technical Data

Range of thickness	0,5 µm – 100 µm
Increments	0,5 µm from 0,5 µm – 2 µm 1,0 µm from 2 µm – 10 µm 2,0 µm from 10 µm – 60 µm 5,0 µm from 50 µm – 100 µm
Horizontal specimen advance	28 mm
Vertical stroke	60 mm
Specimen orientation	XY-Axes: 8°, Z-Axes: 360°
Advance for trimming	adjustable from 0 – 300 µm, free programmable

Weight and Dimensions

	Depth x Width x Height
Dimensions (in mm)	495 x 400 x 290
Dimensions packed (in mm)	650 x 550 x 480

Weight net	27 kg
Weight packed	39 kg

Electrical parameters	Art.-No.	230 V / 50 Hz
	Art.-No. 1070001	230 V / 50 Hz
	Art.-No. 1071001	230 V / 60 Hz
	Art.-No. 1072001	115 V / 60 Hz
	Art.-No. 1073001	100 V / 50 Hz
	Art.-No. 1074001	100 V / 60 Hz

Please ask for other units for Histopathology and consumables as well as laminar flow equipment.



Rotary Microtome CUT 6062

Precise full automation in modular design



Microtomes

CUT 4062

CUT 5062

► CUT 6062

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Rotary Microtome CUT 6062

Precise full automation in modular design



Standard unit for paraffin sections and research-, plastic- and industrial applications. The fully motorised unit offers an even greater comfort than manual and semi-automatic microtomes whilst retaining all essential features of this series. Additional features are:

- ▶ *Motor drive*
- ▶ *Footswitch*
- ▶ *Emergency stop*
- ▶ *Operating pad for motorised cutting*
- ▶ *Operating pad for motorised advance / return*
- ▶ *Individual or series cutting*
- ▶ *Advance automatic in 2 speeds*
- ▶ *Specimen final position can be selected, top or bottom*
- ▶ *Specimen size up to 50 x 50 mm with standard object clamp or standard cassette size for universal cassette clamp*
- ▶ *Motorized cutting steplessly adjustable*
- ▶ *Speed for cutting and returning specimen can be adjusted seperately*
- ▶ *Universal power unit 100 – 240 V, 50/60 Hz*
- ▶ *The equipment is supplied completely useable including:*
 - *Object orientation unit alternatively fixed*
 - *Universal cassette clamp alternatively standard object clamp*
 - *Knife holder base with disposable blade holder low profile or high profile alternatively standard knife holder*
 - *Section waste tray*



The operating pad for advance / retraction, slow motion, cutting thickness adjustment and trimming



CUT 4062 – manual model



CUT 5062 – semi-automatic model

Technical Data

Range of thickness	0,5 µm – 100 µm
Increments	0,5 µm from 0,5 µm – 2,0 µm 1,0 µm from 2,0 µm – 10 µm 2,0 µm from 10 µm – 50 µm 5,0 µm from 50 µm – 100 µm
Horizontal specimen advance	28 mm
Vertical stroke	60 mm
Specimen orientation	XY-Axes: 8°, Z-Axes: 360°
Cutting speed	steplessly adjustable from 3 – 300 mm/sec
Advance for trimming	adjustable from 0 – 300 µm, free programmable

Weight and Dimensions

	Depth x Width x Height	
Dimensions (in mm)	495 x 400 x 290	
Dimensions packed (in mm)	650 x 550 x 480	
Weight net	29 kg	
Weight packed	41 kg	
Electrical parameters	Art.-No. 1080001	230 V / 50 Hz
	Art.-No. 1081001	230 V / 60 Hz
	Art.-No. 1082001	115 V / 60 Hz
	Art.-No. 1083001	100 V / 50 Hz
	Art.-No. 1084001	100 V / 60 Hz

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