

Product specification

CUT 6062 · Fully-automatic precision microtome

Item No.: 10080001



Specifications

| | |
|-----------------------------------|--|
| Nominal supply voltage | 100 - 240 V AC +/- 10% |
| Nominal frequency | 50/60 Hz |
| Power draw | 120 VA |
| Protective class | (I) I |
| Power fuses | 2 x T 1,6 A |
| Pollution degree | (I) 2 |
| Overvoltage installation category | II |
| Maximum heat emission | 120 J / s |
| Operating temperature range | +10 to +35 °C |
| Operating humidity | max. rel. 80 % non-condensing |
| Storage temperature range | +5 to +55 °C |
| Storage humidity | max. rel. 80 % non-condensing |
| Section thickness setting range | 0.5 - 100 µm |
| Section thickness selection | 0.5 - 2 µm in 0.5-µm steps 2 - 20 µm in 1-µm steps 20 - 50 µm in 2-µm steps 50 - 100 µm in 5-µm steps |

Specifications

| | |
|----------------------------------|--|
| | 0.5 - 750 µm |
| | 0.5 - 2 µm in 0.5-µm steps |
| | 2 - 20 µm in 1-µm steps |
| | 20 - 50 µm in 2-µm steps |
| | 50 - 150 µm in 5-µm steps |
| Trimming thickness | 150 - 750 µm in 10-µm steps |
| Specimen feed | 28 mm (step motor) |
| Specimen feed speed SLOW | 75 / 150 / 300 / 600 µm / s |
| Specimen feed speed | 3,000 µm / s |
| Specimen feed memory | 2 positions programmable |
| Vertical specimen stroke | 72 mm |
| Maximum specimen size | 50 x 50 mm |
| Knife holder - north-south axis | 35 mm |
| Specimen retraction | 0 - 200 µm, selectable |
| Operation modes | Motorized: continuous, program, single stroke, step, window Manual: standard and rocking mode |
| Sectioning speed | 3 - 450 mm / s, selectable via slider |
| Specimen orientation, horizontal | 8° |
| Specimen orientation, vertical | 8° |
| Specimen orientation, z-axis | 360° |
| Information display | Number of sections / section-sum and remaining travel distance |
| Dimensions [W x D x H] | 520 x 600 x 325 mm |
| Weight (w/o accessories) | 33 kg |

(1) According to IEC 1010, EN 61010

Standard components

| |
|---|
| 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 |



Standard components

Dust cover

Mains cable

Manual

Optional accessories

Item No.

Aquatec system 10090056

MTR bench top quick freezing unit 10110000

Magnifier with illumination (dimmmable) 10090060

External control panel CUT 6062 10090051

TC65 disposable blade holder (for tungsten carbide blades) 10090041

Tungsten carbide blade (1 pcs.) 28406000

Disposable blades (cf. consumables)

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

Super Mega cassette clamp with clamping lever and level, orientable 10090070

Standard clamp, fixed 10090026

Standard specimen clamp, orientable 10090006

Standard specimen clamp, fixed 10090007

Foil clamp (use in standard specimen clamp) 10090025

Standard knife holder 10090008

Knife holder basis unit 10090011

Prism (set) 10090017

Round specimen holders (different diameters) on demand

Microtome knife profile: C or D, length: 10 to 40 cm on demand

2nd handwheel lock 10090024

More on request



Consumables

| | Item No. |
|--|----------|
| Disposable blades (plasma coated) Low profile plasma LPS for soft specimens, 50 pcs. / box | 28407005 |
| Disposable blades (plasma coated) Low profile plasma LPH for hard specimens, 50 pcs. / box | 28407004 |
| Disposable blades (plasma coated) High profile plasma HPS for soft specimens, 50 pcs. / box | 28407007 |
| Disposable blades (PTFE coated) Low profile suitable for all types of specimens, 50 pcs. / box | 28407000 |
| Disposable blades (PTFE coated) High profile suitable for all types of specimens, 50 pcs. / box | 28408000 |

Comments / additional information:

In case of further questions, please feel free to contact us at every time.

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