

Competence creates Confidence.



- Model no. H3009

ROTATIONAL MICROTOME

The microtome is used to cut very thin slices from a sample material in order to subsequently assess the degree of pigment and carbon black dispersion in polyolefin pipes and fittings.

ISO 18553
ASTM D 5596



The rotational microtome is available in a semi-automatic version and is delivered completely ready for use. It can be used in various ways thanks to its exceptional precision. To

assess the samples, on request we also supply a suitable microscope for documenting the results.

Standard features

- Simple operation when changing the blades and adjusting the cutting angle thanks to the centrepiece that can be adjusted separately
- Balanced hand wheel ensures an ergonomic and safe cut
- Sample retraction during upward movement prevents damage to the sample caused by rubbing against the blade
- High sample throughput
- 50 disposable blades
- CE conformity
- Precise object positioning
- Acoustic signal when the end position is reached
- Robust machining
- Disposable blade holder
- Sample holder

Version rotational microtome
H3009-0008

Cut thickness selection	µm	0.5 - 100
Cut thickness increments		From 0.5 - 2.0 µm in 0.5 µm increments From 2.0 - 20.0 µm in 1 µm increments From 20.0 - 50.0 µm in 2 µm increments From 50.0 - 100.0 µm in 5 µm increments
Trim cutting thicknesses	µm	0.5 - 750 Quick switching between trim and normal cutting thickness possible
Trim settings		0.5 - 2 µm in 0.5-µm increments 2 - 20 µm in 1-µm increments 20 - 50 µm in 2-µm increments 50 - 150 µm in 5-µm increments 150 - 750 µm in 10-µm increments
Horizontal object feed	mm	28
Vertical total object lift	mm	72
Feed speed SLOW	µm/s	75 / 150 / 300 / 600
Feed speed normal	µm/s	3,000
Cut/trim thickness display		3-digit LED display
Operation via		Membrane keypad
Sample retraction	µm/s	0 - 200
Sample orientation	°	±8
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity	%	Max. 70 Non-condensing
Dimensions [W x D x H]	mm	520 x 600 x 325
Weight	kg	33
Voltage data		110 - 240 V, 50/60 Hz Special voltage

Accessories rotational microtome

Product	Description	Model no.
	Microscope with digital camera and software	H3022