

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
