

# MICROPOL™

- Precise mechanical thinning
- Electronic control
- Compact design



MICROPOL™ is a compact, electronically controlled, precise mechanical grinder/polisher designed for planar grinding, thinning and polishing of specimens in the fields of nanotechnology, semiconductors and materials science. MicroPol™ is operated by an arm moving the sample along a semi-random geometric pattern, pressing it to the bottom of a bowl containing suitable abrasive material. The abrasive material can be grinding paper, or suspension of polishing compound deposited on polishing cloth.

Power supply subunit

Input voltage: 100–240 V / 50–60 Hz

Power consumption: max. 35 W

Dimensions: 251 mm × 210 mm × 181 mm

Specimen load: 0–5 N, mechanically adjustable

Specimen size: max. Ø 35 mm × 20 mm

Moved mass: max. 150 g

Timer: 1–3600 s, electronically adjustable

