



HP-MM

Knife Mill

Reproducible sample homogenization with automated cleaning and flexible automation options.

Key Features

- Reproducible homogenization (inorganic/organic samples, no stones/metals/bones)
- Stand-alone or full automation with ergonomic beaker loading
- Automatic tool/lid cleaning & drying prevents cross-contamination
- Touch control: Speed, direction, pulse, cleaning/drying
- Beakers: 0.4 L / 1.0 L / 3.0 L; exchangeable cutting tools (custom material)

Options

Cryogenic grinding, temperature monitoring, torque control, RFID beaker ID

HP-MM Technical Specifications

Motor power	2.2 kW
Rated speed	10,000 rpm (max. 15,000 rpm for 10 sec)
Standard beaker sizes	0.4 / 1.0 / 3.0 liters
Water consumption	7 l/min
Max. cleaning pressure	18 bar
Cleaning agent tank	20 liters
Compressed air	800 l/min at 6 bar
Max. drying temp.	300 °C
Dimensions (W x H x D)	600 x 1920 x 900 mm
Weight	≈ 330 kg
Noise emission	< 85 dB(A)
Electrical connection	≈ 3.5 kVA