

Data Sheet

Crushing / Mills



M 20 Universal mill

Batch mill suitable for dry grinding of hard and brittle substances up to 250 ml with a fixed speed of 20,000 rpm.

- Double-walled grinding chamber can be cooled with water through two hose adapters
- Removable grinding chamber, easy to clean
- Two grinding chambers can be alternately operated using one drive
- M 21 blade incl. with delivery

Accessories: M 21 Spare cutter, stainless steel, M 22 Hard metal cutter, M 23 Star-shaped cutter, M 20.1 Grinding chamber

Technical Data	
Process type	batch
Operating principle	cutting/impact
Motor rating input [W]	450
Motor rating output [W]	225
Speed max. [rpm]	20000
Circumferential speed max. [m/s]	72
Usable volume max. [ml]	250
Feed hardness max. [Mohs]	5
Feed grain size max. [mm]	7
Material beater/cutter	stainless steel 1.4034
Material milling chamber	stainless steel 1.4301
Power-on time ON [min]	7
Power-on time OFF [min]	10
Milling chamber, can be cooled with water	yes
Mill feed can be cooled in milling chamber with dry ice	yes
Mill feed can be cooled in milling chamber with liquid nitrogen	no
Dimensions (W x H x D) [mm]	170 x 350 x 170
Weight [kg]	6.6
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	no
Analog output	no
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	550
Ident. No.	0001603600