

# IKA

designed for scientists



## M 20 Universal mill

/// Data Sheet

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

[www.ika.com](http://www.ika.com)

Subject to technical changes





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## 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
Useable 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 [min]	7
Power-OFF time [min]	10
Milling chamber, can be cooled with water	yes
Mill feed can be cooled in milling chamber with dry ice	yes
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
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	550