

# 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



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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
Frequency [Hz]	50/60
Power input [W]	550



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.