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## MultiDrive basic M 20 successor package

/// Data Sheet

Regardless of whether samples are hard, soft or fibrous – IKA MultiDrive basic performs a wide range of crushing tasks. In combination with the milling chamber MI 250 MultiDrive basic is perfectly suitable for dry grinding of hard and brittle substances.

- High performance: 1000 Watt output and variable rotational speeds ranging from 3000 rpm to 20 000 rpm guarantee excellent crushing results.
- Interval operation: Is an asset during the coarse crushing of hard samples or for extra thorough blending.
- Integrated cooling: A cooling system is integrated in the milling cup, which allows indirect heat dissipation. In addition,



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dry ice can be used for cooling.

The package includes MultiDrive basic and a 250 ml milling chamber MI 250 with standard beater made of stainless steel. It is the perfect successor of the M 20 batch mill.



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## Technical Data

Process type	batch
Operating principle	cutting/impact
Motor rating input [W]	1000
Motor rating output [W]	800
Speed range [rpm]	3000 - 20000
Speed deviation [±%]	5
Useable volume max. [ml]	2000
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
Material (other)	PTFE
Power-ON time [min]	5
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]	300 x 450 x 250
Weight [kg]	8.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 31
USB interface	yes
Voltage [V]	230 / 220 - 240 / 100 - 120 / 100
Frequency [Hz]	50/60
Power input [W]	1000