



designed for scientists



## IKA MultiDrive basic

/// Data Sheet

Regardless of whether samples are hard, soft or fibrous – the IKA MultiDrive crusher can perform a wide range of crushing tasks involving coarse and fine crushing, thanks to the variety of vessels available (vessels not included in delivery). With the MultiDrive basic it is possible to mix or grind. There is a USB interface available for easy actuation and documentation respectively. In combination with the milling chamber MI 250 MultiDrive basic replaces your M 20 mill.

High performance

Excellent crushing performance is guaranteed by a combination of

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Subject to technical changes



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variable rotational speeds, ranging from 3000 rpm to 20 000 rpm, and a 1000 Watt output.

#### Interval operation

The option of interval programming is simple to activate at the press of a button. 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. Thus, coolant and sample remain separate.

#### Variety of vessels (accessory)

MultiDrive provides the right vessel for each grinding task.

Vessels don't belong to the scope of delivery.

## Technical Data

Process type	batch
Operating principle	cutting/impact/blending/dispersing
Motor rating input [W]	1000
Motor rating output [W]	800
Speed range [rpm]	3000 - 20000
Speed deviation [%]	±5
Power-ON time [min]	5
Power-OFF time [min]	10
Motor principle	Brushless DC
Display	7 segment LED
Vessels detection	yes
Dimensions (W x H x D) [mm]	300 x 350 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]	220 - 240
Frequency [Hz]	50/60
Power input [W]	1000