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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 MultiDrive basic it is possible to mix or grind. There is a USB interface available for easy actuation and documentation.

High performance

Excellent crushing performance is guaranteed by a combination of variable rotational speeds, ranging from 3000 rpm to 20 000 rpm, and a 1000 Watt output.



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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 chambers (MI, available as accessory), which allows indirect heat dissipation. Thus, coolant and sample remain separate.

Variety of vessels (accessory)

MultiDrive provides the right vessel for each grinding task. For MultiDrive basic, milling chambers (MI) for dry grinding and blending vessels (BL) for wet grinding are available. Vessels are not part of the scope of delivery.

Scope of delivery

- IKA MultiDrive basic
- Socket wrench
- Disassembly tool 1
- Disassembly tool 2
- Cleaning brush
- USB Cable - USB A to Micro-B, 2 m



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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	Micro-USB
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	1000