

# IKA

designed for scientists



## MultiDrive MI 250 T – S

/// Data Sheet

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

Subject to technical changes



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## Technical Data

Process type	batch
Operating principle	impact
Speed range [rpm]	3000 - 20000
Circumferential speed max. [m/s]	75
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
Material (other)	stainless-steel, silicone, SIC
Power-ON time [min]	30
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
FDA conform	yes
Multi use	yes
Data transfer drive/vessel	Wireless with RFID
Monitoring maintain time	yes
Temperature measuring	yes
Temperature measurement resolution [K]	0.1
Accuracy of temperature measurement [K]	±5
Temperature limit min. [°C]	-50
Temperature limit max. [°C]	120
Beater/Knife diameter [mm]	71
Suitable for abrasive substances	yes
Dimensions (W x H x D) [mm]	160 x 180 x 160
Weight [kg]	1.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80