



A 11 basic Analytical mill

Batch mill for 2 different grinding procedures:

Impact grinding of hard, brittle or non-elastic grinding materials with high-grade stainless steel beater. This beater can be used for a Mohs hardness up to 6 (incl. with delivery).

Cutting grinding for pulverizing soft, fibrous materials with a cutting blade (not incl. with delivery).

- Moist and gluey materials can be pulverized by adding water

- Grinding chamber made of Tefcel (PTFE, glass fiber-reinforced) with stainless steel inlet (1.4571), useful volume 80 ml (incl. with delivery). For embrittlement of grinding materials with liquid nitrogen in the grinding chamber

- Optionally, a 250 ml grinding chamber is available

Accessories: A 11.4 Grinding chamber, A 11.1 Spare beater, A 11.2 Cutting blade, A 11.6 Double beater, A 11.5 Spare grinding chamber , A 11.7 Funnel, A 11.3 Beater

Operating principle cutting/imp Motor rating input [W] f Motor rating output [W] f Speed max. [rpm] 280 Circumferential speed max. [m/s] f Usable volume max. [ml] f Feed hardness max. [ml] f Feed grain size max. [mm] f Material beater/cutter stainless steel 1.40 Material milling chamber stainless steel 1.45 Power-on time ON [min] f Power-om time OFF [min] f Milling chamber, can be cooled with water f Mill feed can be cooled in milling chamber with dry ice f	60 00 53 80 6 10
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Power-om time OFF [min] Milling chamber, can be cooled with water Mill feed can be cooled in milling chamber with dry ice	1
Milling chamber, can be cooled with water Mill feed can be cooled in milling chamber with dry ice	10
Mill feed can be cooled in milling chamber with dry ice	
57	no
Mill feed can be cooled in milling chamber with liquid nitrogen	/es
	/es
Dimensions (W x H x D) [mm] 85 x 240 x	
	1.5
	40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 IP	43
Voltage [V] 220 - 240 / 100 - 7	15
Frequency [Hz] 50	/60
Power input [W]	60
Ident. No. 2900	000