

Planetary Micro Mill

PULVERISETTE 7 *classic line*



TECHNICAL DATA

Working principle	impact force
Optimal for material type	hard, medium-hard, brittle, moist
Number of working stations	2
Grinding tools	grinding bowls and grinding balls
Materials of the grinding tools	agate, sintered corundum, silicon nitride, zirconium oxide, hardened stainless steel, hardmetal tungsten carbide, polypropylene
Grinding bowl sizes	12, 45 ml
Grinding ball diameter	0.1 - 15 mm
Max. feed size (depends on material)	5 mm
Min. sample quantity	0.5 ml
Max. sample quantity	40 ml
Final fineness (depends on material)	< 1 µm
Typical grinding time down to analytical fineness	3 min
Grinding process	dry/wet
Grinding in inert gas	only possible in glove box
Gas pressure and temperature measurement	no
Rotational speed of main disk	100 - 800 rpm
Transmission ratio planetary disk / grinding bowl	$i_{\text{relative}} = 1 : -2$
Effective diameter of main disk	140 mm
Centrifugal acceleration ($g = 9.81 \text{ m/s}^2$)	50 g
Interfaces	yes
Electrical details	100-120/200-240 V/1~, 50-60 Hz, 740 Watt voltage, indicated by customer is set
Emission sound pressure level at the workplace according to DIN EN ISO 3746 (depending on the material to be ground, grinding bowls/balls, selected rotational speed)	up to approx. $L_{pAd} = 82 \text{ dB}$
Weight	35 kg
Dimensions (W x D x H)	bench top instrument 37 x 53 x 50 cm

Order No. 07.4000.00

DESCRIPTION

> TECHNICAL DATA

ACCESSORIES

DOWNLOADS

PRODUCT COMPARISON



REGIONAL CONTACT

CONTACT HEADQUARTERS

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