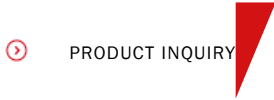


Planetary Mill

PULVERISETTE 5 *premium line*



TECHNICAL DATA

Working principle	impact force
Optimal for material type	hard, medium-hard, soft, brittle, tough, moist
Number of grinding stations	2
Grinding tools	grinding bowls and grinding balls
Materials of the grinding tools	agate, zirconium oxide, hardened stainless steel, hardmetal tungsten carbide
Grinding bowl sizes	125, 150, 250, 420, 500 ml
Grinding ball diameter	0.1 - 20 mm
Max. feed size (depends on material)	10 mm
Min. sample quantity	15 ml
Max. sample quantity	450 ml
Final fineness (depends on material)	< 0.1 µm
Typical grinding time down to analytical fineness	3 min
Grinding process	wet and dry
Grinding in inert gas	yes
Gas pressure and temperature measurement	yes
Rotational speed of main disk	100-800 rpm
Transmission ratio planetary disk / grinding bowl	$i_{relative} = 1 : -2$
Effective diameter of main disk	180 mm
Centrifugal acceleration ($g = 9.81 \text{ m/s}^2$)	64 g
Interfaces	yes
Electrical Details, additional voltages available upon request	200-240 V/1~, 50-60 Hz, 2800 watt
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)	approx. $L_{pAd} = 84 \text{ dB}$
Weight	110 kg
Dimensions (W x D x H)	bench top instrument 82 x 52 x 48 cm

Order No. 05.7020.00

DESCRIPTION

> TECHNICAL DATA

ACCESSORIES

DOWNLOADS

PRODUCT COMPARISON



REGIONAL CONTACT

CONTACT HEADQUARTERS

Darja Vasic

ICM - INTERCOMMERCE d.o.o.

Glavarjeva 43
1000 Ljubljana

Phone

+386 1534 3602