



Technical Specification - General

Feed size, mm	Max. 10
Final fineness, µm	>1
Size, mL	Grinding bowl: 80, 250 and 500
Electrical supply	100-120/200-240V, 50/60Hz

Grinding bowls are also available in agate, sintered corundum and silicon nitride.

One grinding bowl holder can hold either 2 x 80mL bowls or 1 x 80mL bowl together with a grinding bowl adapter mounted one on top of the other.

Special gassing lids for grinding in an inert atmosphere and for mechanical alloying as well as the GTM-system (Gas pressure and temperature measuring system), for measuring gas pressure and temperature during the grinding process are available.

Continuation

Mills, planetary, Pulverisette 5/Pulverisette 6, classic line



Technical Specification - Specific

Alt. No	13111854	13177544	13171704
No. of positions	Grinding stations: 4	Grinding stations: 2	Grinding stations: 1
Rotational speed, rpm	50 to 400	50 to 400	100 to 650
Sample volume	900mL	450mL	225mL
Mass, kg	120	100	63
Dimensions [w x d x h], mm	580 x 670 x 570	580 x 670 x 570	370 x 530 x 500

Recommended number of grinding balls (Max. per bowl)

Ball diameter, mm	500mL	250mL	80mL
5	2,000	1,200	250
10	100	50	25
15	70	45	10
20	25	15	5
30	8	6	-
40	4	-	-

Grinding bowls and grinding balls must be ordered additionally.

Catalogue No	Legacy No	Alt. No	Description
13111854	-	05.5000.00	Pulverisette 5, classic line, model 1
13177544	-	05.6000.00	Pulverisette 5, classic line, model 2
13171704	-	06.2000.00	Pulverisette 6, mono mill, classic line

Accessories for Pulverisette 5 and Pulverisette 6 classic line

Cylindrical grinding bowls with cover and PTFE seal ring

Catalogue No	Legacy No	Alt. No	Description	Volume, mL
13114394	-	50.40190.00	Tempered steel	80
13104394	-	50.4100.00	Stainless steel	80
13151814	-	50.411.00	Zirconium oxide	80
13121544	-	50.40180.00	Tungsten carbide, with steel casing	80
13134444	-	90.1120.09	Reducing adapter	for all 80mL bowls
13184404	-	50.20190.00	Tempered steel	250
13147574	-	50.2100.00	Stainless steel	250
13124264	-	50.211.00	Zirconium oxide	250
13187544	-	50.20180.00	Tungsten carbide with steel casing	250
13164704	-	50.10190.00	Tempered steel	500
13121814	-	50.1100.00	Stainless steel	500
13118103	-	50.111.00	Zirconium oxide	500

Grinding bowls for the cylindrical grinding balls

Catalogue No	Legacy No	Alt. No	Description	Diameter, mm
13144734	-	55.010.09	Tempered steel	10
13117584	-	55.010.10	Stainless steel	10
13181584	-	55.010.27	Zirconium oxide	10
13137574	-	55.010.08	Tungsten carbide	10
13177883	-	55.020.09	Tempered steel	20
13164404	-	55.020.10	Stainless steel	20
13124274	-	55.020.27	Zirconium oxide	20
13181804	-	55.020.08	Tungsten carbide	20
13191584	-	55.030.09	Tempered steel	30
13187324	-	55.030.10	Stainless steel	30
13184514	-	55.030.27	Zirconium oxide	30
13111564	-	55.030.08	Tungsten carbide	30
13161704	-	55.040.09	Tempered steel	40
13107334	-	55.040.10	Stainless steel	40
13124704	-	55.040.27	Zirconium oxide	40
13197883	-	55.040.08	Tungsten carbide	40