

Mills, cryomill



Technical Specification

Material	Feed material: hard, medium hard, soft, brittle, elastic and fibrous Grinding tool: hardened steel, stainless steel, zirconium oxide and PTFE
Feed size, mm	≤8
Final fineness, µm	~5
Quantity, mL	Feed quantity: 20 (max.)
No. of	Grind stations: 1
Frequency, Hz	digital, 3 to 25 (180min ⁻¹ to 1,500min ⁻¹) (vibrational)
Type	Grinding: Dry, wet and cryogenic and cell disruption with vials Grinding jar: Screw top design
Volume, mL	Grinding jars: 5 / 25 / 35 / 50
Filling	10L / 50L (auto fill)
Methods	Setting of grind time: digital, 10s to 99min
Memory	1 SOP
Electrical supply	100-240V, 50/60Hz
Power rating	1 phase
Code	Protection: IP 30
Power consumption, W	160
Dimensions, internal [w x d x h], mm	385 x 570 x 370
Mass, kg	~46
Documentation	Operation and application video

Catalogue No	Legacy No	Model No	Description
10594684	-	CryoMill	Cryogenic mill

Grinding jars

Catalogue No	Legacy No	Alt. No	Description
10465749	-	01.462.0300	Grinding jar, 5mL, hardened steel
10247954	-	01.462.0290	Grinding jar, 5mL, stainless steel
11974352	-	01.462.0309	Grinding jar, 25mL, PTFE
11934352	-	01.462.0297	Grinding jar, 25mL, hardened steel
10626275	-	01.462.0289	Grinding jar, 25mL, stainless steel
11944352	-	01.462.0298	Grinding jar, 35mL, hardened steel
10768615	-	01.462.0288	Grinding jar, 35mL, stainless steel
11954352	-	01.462.0299	Grinding jar, 50mL, hardened steel
10319963	-	01.462.0284	Grinding jar, 50mL, stainless steel

Grinding balls

Catalogue No	Legacy No	Alt. No	Description
10024140	-	05.368.0029	Grinding balls, 5mm dia., hardened steel
10539711	-	05.368.0034	Grinding balls, 5mm dia., stainless steel
10106710	-	05.368.0030	Grinding balls, 7mm dia., hardened steel
10054460	-	05.368.0035	Grinding balls, 7mm dia., stainless steel
10400391	-	05.368.0031	Grinding balls, 9mm dia., hardened steel
10752531	-	05.368.0036	Grinding balls, 9 mm dia., stainless steel
10054881	-	05.368.0059	Grinding balls, 10mm dia., hardened steel
10491213	-	05.368.0063	Grinding balls, 10mm dia., stainless steel
10257990	-	05.368.0045	Grinding balls, 10mm dia., PTFE with steel core
10014440	-	05.368.0032	Grinding balls, 12mm dia., hardened steel
10458722	-	05.368.0037	Grinding balls, 12mm dia, stainless steel
10339540	-	05.368.0046	Grinding balls, 12mm dia, PTFE with steel core
10174492	-	05.368.0108	Grinding balls, 15mm dia., hardened steel
10729954	-	05.368.0109	Grinding balls, 15mm dia., stainless steel
10473992	-	05.368.0114	Grinding balls, 15mm dia., PTFE with steel core
10777821	-	05.368.0062	Grinding balls, 20mm dia., stainless steel
10572111	-	05.368.0047	Grinding balls, 20mm dia., PTFE with steel core
10521213	-	05.368.0105	Grinding balls, 25mm dia., stainless steel

Other accessories

Catalogue No	Legacy No	Alt. No	Description
11984352	-	02.480.0002	LN ₂ container, 50L, autofill with LN ₂ container and safety valve
10495110	-	05.871.0001	Connection tube, connection tube, incl. safety valve (for LN ₂ supply provided by customer)
10145134	-	02.706.0272	Adapter for use of 2/4 grinding jars, 5mL
11723379	-	02.706.0277	Adapter for use of 2/4 reaction vials, 2mL
10267334	-	22.749.0001	Safe lock reaction vials 2mL, pack of 1,000

10L LN₂ container with safety valve available, please enquire.

