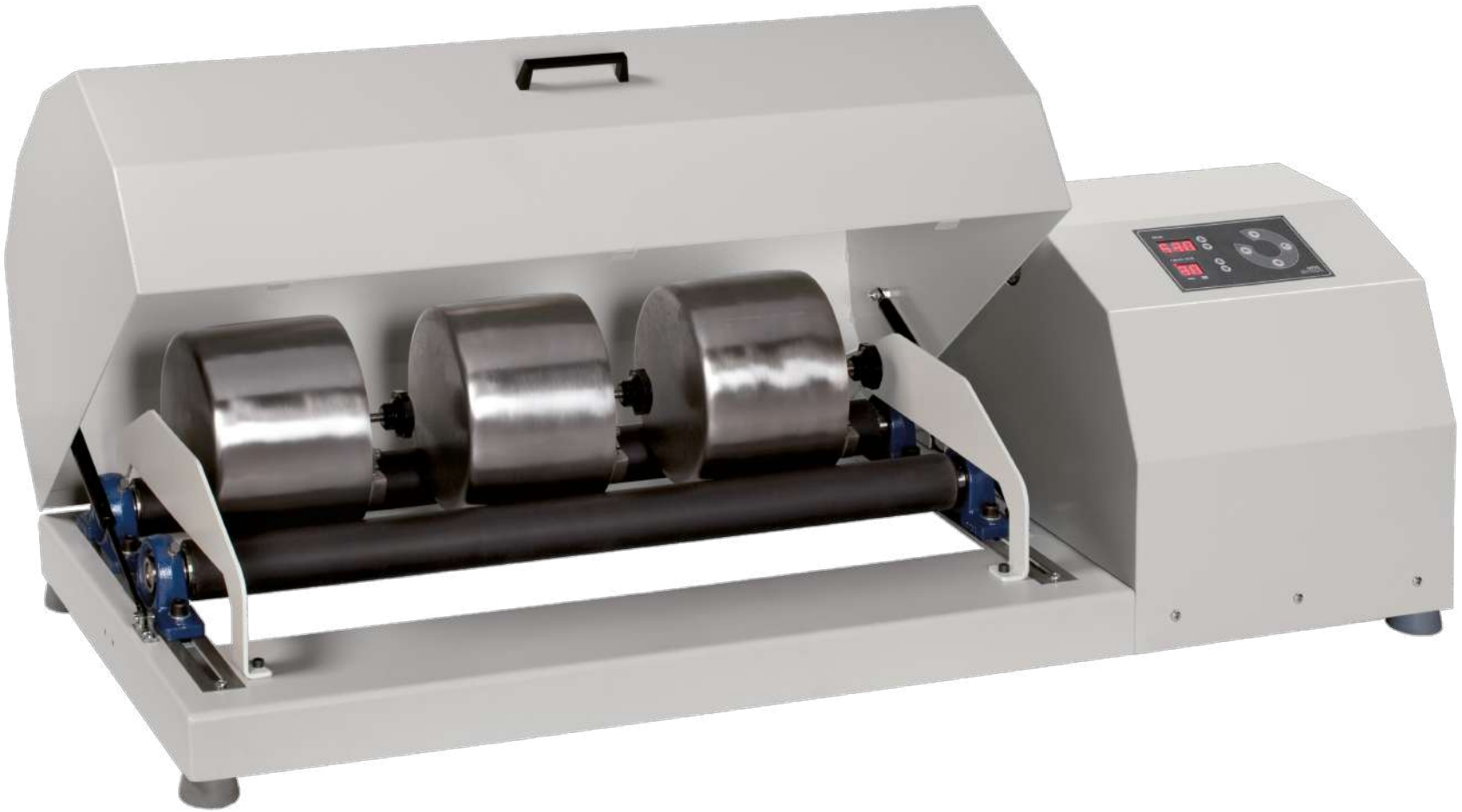

orto
alresa
About centrifugation
Prog:15 Stop
Power:100%
Time:15m:30s
Interval Time:05
oass203
Other laboratory products | BALL MILL

BALL MILL



CE

The ball mill splits the sample by using repeated hits against the balls. It moves along an arc of a semi-circle due to the dragging of the pitcher in the cylinder motor.
Isolated jars prevent the contamination of samples.

Its function and design makes it suitable for mill works in laboratories of public works, manufacture of paints, ceramic, milling of raw materials for the manufacture of pharmaceutical and food products.

Features

- High resistance cylinders: solid steel interiors and tough and flexible cover which enables the turn of the jars without causing damage.
- Metal cover which has been proved to have high resistance.
- Light button of on/off.
- Stop plate.
- Timer from 1 to 99 min., programmable in 1 min. steps or hold position.

Easy to use

- Stop emergency button.
- Adjustable cylinders to adapt jars with different diameters.
- Useful length of the cylinders: 730mm
- Capacity: 1 jar of 15 liters, 2 jars of 5 liters, 3 jars of 3 liters, 4 jars of 1 liter.
- Jars available in alumina (92% purity) or stainless steel (AISI 304).
- It is controlled by a microprocessor.
- Drive roller speed can be regulated (between 50 and 300 RPM) or jar speed (depending on the diameter).

Safety

- Electric: ground power and fuses.
- Main switch.
- Cylinders cover with window and interior lighting.
- Safety system in the cover: when it is open the cylinders stop moving.

EU Directives: 2014/30/EU, 2014/35/UE , 2011/65/EU, 2012/19/UE.
Standards: EN 61010-1, EN 61010-2-051, EN 61010-2-101, EN 61326-1.

Accessories

Stainless steel jars (AISI 304)				Alumina jars (92% purity)		
15 litres	5 litres	3 litres	1 litre	1 litre	3 litres	5 litres
PI 226	PI 064	PI 063	PI 062	PV 035	PV 036	PV 037

Stainless steel balls (AISI 304)		Alumina balls (92% purity)	
	Diameter		Diameter
PI 058	15 mm. (1 kg. approx.)	PV 040	20 mm. (1 kg. approx.)
PI 059	20 mm. (1 kg. approx.)	PV 042	30 mm. (1 kg. approx.)
PI 060	30 mm. (1 kg. approx.)	-	-
PI 061	9 mm. (1 kg. approx.)	-	-

For an optimum milling, we recommend to fill the jars with the following proportions: leave 50% of the capacity empty, 25% of the capacity with balls and the remaining 25% with the product to be milled.

Versions

	Dimensions (mm) (w x d x h)			Net Weight (Kg)	Voltage (V)	Frequency (Hz)	Consumption (W)
ML 007	1230	490	350	72	230 - 220	50-60	150
ML 008	1230	490	350	72	120 - 110	50-60	150

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