

# Benchtop Ball Mill

## LBBM-A2 Series



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## Benchtop Ball Mill LBBM-A20

Benchtop Ball mill LBBM-A20 is a benchtop unit with milling jar and grinding ball for ultra-fine grinding of the material. It has small batch production capacity. Dry milling and wet milling are the type of achievable milling process. It consists of easy operation, high efficiency and uniform granularity. Different variety of feed material can be fed for grinding process. It is ideally use for material milling in the scientific research, production, magnetic material, biological medicine, etc.

## Features

- Benchtop compact design unit
- High efficiency milling process
- Mill mode: dry and wet milling
- Variety of feed material
- Grinding balls material: Stainless steel, zirconia, alumina, PU, carbon steel, tungsten balls
- Small batch production unit
- Uniform granularity of material
- User friendly and easy operation

## Applications

Widely used for milling process in the industries of electronic material, magnetic material, biological medicine, ceramic glaze, metal powder, non-metallic minerals, new materials, and research institutes.

## Specification

Model No.	LBBM-A20
Material capacity	Material + Mill Balls < 2/3 volume
Length of Roller	260 mm
Input Granularity Size	< 10 mm for soft material
	< 3 mm for hard material
Output Granularity Size	Minimum 13 to 48 $\mu$ m
Roller Speed	60 to 570 $\pm$ 10 rpm (adjustable)
Mill mode	Dry milling
	Wet milling
Diameter of Roller	$\Phi$ 25 mm
Maximum distance between roller	120 mm
Feed Material	Soft, hard, brittle, fibrous, cellulose, herb,
	glass, soil, ore, pharmacy, chemical,
	fluorescent, pigment etc.
Grinding Drum type	Porcelain, Stainless steel, Corundum ,
	PU, Nylon, PEFE etc.
Grinding Medium type	Stainless steel balls, zirconia balls,
	alumina balls, PU balls, carbon steel balls,
	tungsten balls, etc.

Voltage	One phase, 220 V
Motor power	0.4 kW
Dimensions (W × L × H)	730 × 415 × 260 mm
Weight	32 kg

## Optional Accessories

No.	Accessory name	Quantity
1.	0.5 L Mill Jar with lid	1 pc
2.	Grinding balls (mixed size)	0.75 kg/ set