



**BM**

# Ball Mill



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Darsun Scientific

# Ball Mill

DS-2100



This DS-2100 ball mill is designed with various optional accessories for modern laboratory applications, friendly UI design and preset programs can help users save a lot time. It can process small amount as well as large batch samples of plants, animal tissue and small quantity samples in dry or wet condition. High speed vibration provides an excellent mixing and homogenizing to samples in only a few seconds. This mill can work well in researches of biology, chemistry, pharmacology, Minerals, Medicine and etc.

## Specification

- Enhanced motor, high quality bearing
- Touch screen, custom and preset programs
- High efficiency grinding, maintenance-free
- Safe security with protective hood
- Double-position operation
- Various accessories/adapters for option



Model	DS-2100		
Speed	180rpm-2100rpm	Deceleration	2s
Sample batch	2 batches	Grinding method	Dry or Wet
Feed size	According to tubes size	Tube adapter material	POM/Nylon/Al Alloy
Final fineness	~5μm	Custom grinding tube material	Teflon/Stainless steel
Grinding beads diameter	0.1-30mm	Voltage	AC100-120V/AC200-240V 50/60Hz
Acceleration	2s	Dimension (WxDxH)	530mmX350mmX311mm
Power	450W	Weight	40kg
Sample capacity	96x2ml/64x2ml/48x2ml/16x2ml/10x5ml Custom grinding tubes:2x15ml /2x25ml /2x35ml /2x50ml Standard tubes: 8x50ml		

No.	Name	Picture	Max. tubes Qty	Tube type	Sample Vol. per tube	Grinding beads type	Grinding beads type	Beads Qty per tube
1	8x2ml Tube adapter		8 (1 adapter) 16 (2 adapters)		1mm	0.2-0.5ml	3mm	2-3
2	24x2ml Tube adapter		24 (1 adapter) 48 (2 adapters)		1mm	0.2-0.5ml	3mm	2-3
3	32x2ml Tube adapter		32 (1 adapter) 64 (2 adapters)		1mm	0.2-0.5ml	3mm	2-3
4	48x2ml Tube adapter		48 (1 adapter) 96 (2 adapters)		1mm	0.2-0.5ml	3mm	2-3
5	5x5ml Tube adapter		5 (1 adapter) 10 (2 adapters)		2mm	0.5-2.0ml	5mm	2-3
6	4X50ml Tube adapter		4 (1 adapter) 8 (2 adapters)		8mm	8.0-20.0ml	5mm	10