

Sediment Grinding Ball Mills

(4 Jars in numbers)

1.	Type of grinding	Ball Mill
2.	Work mode	Dry / wet milling
3.	Input Material for grinding	Suitable for a variety of materials such as
		Soft and hard soils, Clay, Ores, Plant materials (fibrous, cellulose, herb), pigment etc.
4.	Size of the input material for grinding	<10 mm for soft materials
		< 5 mm for hard materials
5.	Output Grain size	~ 0.1 μ m (documentary evidence should be attached)
6.	Type of grinding jars	Agate
7.	Grinding jar capacity	<ul style="list-style-type: none"> • 500 ml max.
		<ul style="list-style-type: none"> • Should have the capability of grinding as low as 50 gm of samples (Documentary Evidence should be attached))
		<ul style="list-style-type: none"> • Material + mill balls should occupy less than 2/3 volume of jar
8.	No of jars which can be operated together	Four
9.	Grinding Balls	Suitable sets of varying size to be quoted with the machine (5 mm balls – 2000; 10 mm balls - 200; 20 mm balls : 50)
10.	Revolution: Rotation	~ 1: 2
11.	Rotational speed	Adjustable
12.	Operation	<ul style="list-style-type: none"> • Unattended use • Typical grinding time should be less than 20 minutes for batch of clay samples (density ~ 2) for the specified output size. (documentary evidence should be attached) • Option for interval operation with

		<p>direction reversal</p> <ul style="list-style-type: none"> Operational with regular 15 amp power supply.
	Optional	The price of additional one set of 500 ml jar and one set of 250 ml jars of Stainless steel and suitable sets of balls shall be quoted as optional.
	Warranty	1 year warranty and 2 year CMC