



# LSM SERIES LAB BASKET MILL

The Modern Instruments LSM series Lab Basket Mill is mainly used for various liquid paste materials such as paint, printing ink, pigment in preliminary experiment test. The machine consists of brushless DC motor, equipped with frequency control and digital display. Basket and barrel have interlining for better cooling facility. It's design greatly reduce grinding temperature and overheating. Lift way is done electrically, you can either press "UP" or "DOWN" button to control. Simple yet robust structure, suitable for small volume.



LSM-2.2D



LSM-2.2B  
Explosion-proof  
Basket Mill



LSM-370 / LSM-550  
Lab Basket Mill



LSM-750  
Lab Basket Mill

Note: not suitable for materials with acid-base ingredients or paint which would lead to machine corrosion

# Technical Specification

Model	LSM-2.2D	LSM-2.2B	LSM-370	LSM-550	LSM-750
Motor Type	Brushless DC	AC Explosion proof	Brushless DC	Brushless DC	AC variable frequency
Power	2.2KW	2.2KW	550W	550W	750W
Speed Range	50 - 4000rpm	0 - 4000rpm	50 - 4000rpm	50 - 4000rpm	50 - 3000rpm
Lifting Distance	350mm	400mm	240mm	240mm	200mm
Zirconia Bead	Φ1.4 - Φ1.6mm	Φ1.4 - Φ1.6mm	Φ1.4 - Φ1.6mm	Φ1.4 - Φ1.6mm	Φ1.8 - Φ2.0mm
Milling Impellers	Φ107mm	Φ90mm	Φ44mm	Φ68mm	Φ68mm
Dispersion Impellers	Φ120mm	Φ120mm	Φ60mm	Φ60mm	Φ80mm
Container	10 - 30L	20L	1.25L	2.9L	2.9L
Overall Size	580×500×850mm	600×550×850mm	450×420×550mm	450×420×550mm	400×340×650mm
Electrical Source	220V 50Hz/60Hz	380V 50Hz/60Hz	220V 50Hz/60Hz	220V 50Hz/60Hz	220V 50Hz/60Hz
Weight	60kg	96kg	22kg	24kg	29kg

## Ordering information

Product Ref	Description
LSM-2.2D	Electric Lift Basket Mill
LSM-2.2B	LSM-2.2B Explosion-proof Basket Mill
LSM-370	Lab Basket Mill (500W, 1.25L)
LSM-550	Lab Basket Mill (500W, 2.9L)
LSM-750	Lab Basket Mill (750W, 2.9L)



MODERN  
INSTRUMENTS



No 18, Xuwang Road, QingPu District Shanghai, China



+86 2159884839



info@moderner.com