

Planetary Ball Mill YXQM Series

Nano-scale grinding, the final fineness to 0.1um (for colloidal grinding)

Features

- Oil seal silent invention patent, 50% lower noise than the other planet ball mill in the market, Extend the service life by more than 2 times.
- PLC panel, convenient, simple, highly efficient, setting the time/RPM/positive/reverse rotation.
- The device can be moved by wheels, light handling, fast and save.
- Safety door which could be opened when the machine is stopped.



Specifications

Application to laboratory

Model	YXQM-0.4L	YXQM-1L	YXQM-2L	YXQM-4L	YXQM-8L	YXQM-12L
Grinding Jar Size	50-100 (ml)	50-250 (ml)	50-500 (ml)	50-1000 (ml)	500-2000 (ml)	1000-3000 (ml)
Vacuum Jar Size	50 (ml)	50-100 (ml)	50-250 (ml)	50-500 (ml)	500-2000 (ml)	1000-3000 (ml)
Sun Wheel Speed	5-450 (r/min)	5-450 (r/min)	5-400 (r/min)	5-400 (r/min)	5-320 (r/min)	5-320 (r/min)
Ball Mill Jar Speed	10-900 (r/min)	10-900 (r/min)	10-800 (r/min)	10-800 (r/min)	10-640 (r/min)	10-640 (r/min)
Power	0.55 (kw)	0.55 (kw)	0.75 (kw)	0.75 (kw)	1.5 (kw)	1.5 (kw)
Voltage	220/50 (v/hz)	220/50 (v/hz)	220/50 (v/hz)	220/50 (v/hz)	220/380/50 (v/hz)	380/50 (v/hz)
Weight	68 (kg)	70 (kg)	96 (kg)	99 (kg)	191 (kg)	193 (kg)

Application to mass production

Model	YXQM-16L	YXQM-20L	YXQM-40L	YXQM-60L	YXQM-80L	YXQM-100L
Grinding Jar Size	1-4 (L)	1-5 (L)	5-10 (L)	10-15 (L)	10-20 (L)	10-25 (L)
Vacuum Jar Size	1-4 (L)	1-5 (L)	5-10 (L)	10-15 (L)	10-20 (L)	10-25 (L)
Sun Wheel Speed	5-230 (r/min)	5-230 (r/min)	5-220 (r/min)	5-220 (r/min)	5-180 (r/min)	5-180 (r/min)
Ball Mill Jar Speed	10-460 (r/min)	10-460 (r/min)	10-440 (r/min)	10-440 (r/min)	10-360 (r/min)	10-360 (r/min)
Power	3 (kw)	3 (kw)	7.5 (kw)	7.5 (kw)	15 (kw)	15 (kw)
Voltage	380/50 (v/hz)					
Weight	230 (kg)	288 (kg)	400 (kg)	610 (kg)	610 (kg)	1059 (kg)