



Planetary Ball Mill Machine Model : TMAX-XQM

Model : TMAX-XQM series of variable frequency planetary ball mill has four ball grinding tanks installed on one turntable. When the turntable rotates, the tank axis makes planetary movements, the balls and samples inside the tanks are impacted strongly in high speed movement, and samples are eventually ground into powder. Various kinds of different materials can be grinding and mixing by the mill with dry or wet method. The size of ground powder can be reduced to as small as 0.1 micrometer.

| Model | Planetary Ball Mill Machine TMAX-XQM |
|---------------------------------------|---|
| Grinding tank volume (L) | 0.1L*4 |
| Grinding tank material | According to requirements |
| Grinding media | According to requirements |
| Maximum loading per tank | Material and grinding medium does not exceed two-thirds of the volume |
| Feeding material size | Soil material ≤ 10 mm, other materials ≤ 3 mm |
| Discharge material size | Min 0.1um |
| Rotating speed | Revolution 335r / min, Rotation 670r / min |
| Speed ratio (revolution: rotation) | 1:2 |
| Speed mode | Frequency, programmable stepless speed regulation, manual, automatic timing forward and reverse |
| Transfer method | Gear drive |

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| Working Voltage | 220V |
| Motor power and variable frequency power | 0.75Kw |
| Way of working | Two or four cans work at the same time |
| Maximum continuous operating time | 72hours |
| Machine Size | 750*470*564mm |
| Weight(not include Jars and Ball) | 80kg |
| Programmable control (electronic monitoring) | Ball mill using high-tech microcomputer chip control, can be set to forward and reverse alternately run(0-999min) and forward, pause, reverse, pause, forward (0-999min) alternate operation according to the procedure. Particularly suitable for cooling or intermittent operation. |



cemented carbide tank and balls



zirconia tank and balls



Nylon tank and zirconia balls



Nylon tank and agate balls



Ptf e tank and zirconia balls



Ptf e tank and agate balls



Polyurethane (pu) tank and zirconia balls



Polyurethane (pu) tank and agate balls



agate tank and balls



Corundum tank and alumina ball



Corundum tank and zirconia balls



Stainless steel tank and balls