

Technical Specifications for Planetary Ball Mill

- a. Planetary Ball Mill with twin bowl holder with a maximum of 250 ml capacity
- b. Tungsten Carbide lined 80 ml jars with 4 numbers with proper sealing
- c. Suitable amount of balls (80 number of 3 mm dia and 40 nos of 10 mm dia) made of Tungsten Carbide
- d. Suitable amount of balls (80 number of 3 mm dia and 40 nos of 10 mm dia) made of Zirconia
- e. Variable rotational speed between 40 to 600 rpm with Bowl speed atleast twice of this value.
- f. Suitable microprocessor based programming controller with direction indication with suitable software should be provided.
- g. Noise from the system must be less than 75 dB.
- h. The Ball Mill system must be free from vibration under operating conditions.
- i. Safety system incorporated for door with sensor and lock, motor overload protection, vibration detection system and fault indication system.
- j. Installation and Standard onsite warranty should be provided. Additional onsite warranty for 2 years must be quoted on yearly basis.
- k. The vendor should provide onsite support service.