

Ball Mill (Variable Speeds)



Product Categories: [Engineering Equipment](#), [Mechanical Operation Lab](#)

Product Page: <https://www.labappara.com/product/ball-mill-variable-speeds/>

Product Description

Ball Mill (Variable Speeds)

DESCRIPTION :

Ball Mills are horizontal rotating cylindrical steel chamber of half filled with steel balls. The size reduction is accomplished by the impact of balls as they fall back after being lifted by the baffles fitted in the rotating chamber. Ball Mill is fitted on a sturdy MS frame. Charging of balls and material is done by the means of opening provided in the chamber. The chamber is turning about the horizontal axis through a reduction gearbox drive through a ½ HP variable speed motor. Drive is provided to vary the RPM. A RPM indicator with proximity switch is provided in the set-up. A revolution counter is provided to find out the number of turns. Special arrangement is done to free the Ball Mill from reduction gearbox for charging and discharging the material.

TECHNICAL DETAILS :

Ball Mill : Material MS Dia 275 mm, Length 350 mm. Thickness 5 mm.

Discharge Chute : Suitable size.

Feed Size : 6 mm (approx.)

Product Size : 200 mesh (approx.)

Drive : ½ HP, variable speed motor and Drive, coupled to Reduction Gearbox.

Product receiver : Material Stainless Steel of suitable size.

Revolution Counter : Mechanical type.

Energy measurement : Electronic Energy meter

RPM Measurement : Digital RPM Indicator, Non Contact type with Proximity sensor.

Instruction Manual : An ENGLISH instruction manual will be provided along with the Apparatus

The set-up is fitted with required guards.

The whole set-up is well designed and arranged in a good quality painted structure.

Control Panel:

Standard make on/off switch, Mains Indicator.