

Ball Mill (With Three Prefixed Speeds)



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

Product Page:

<https://www.labappara.com/product/ball-mill-three-prefixed-speeds/>

Product Description

Ball Mill (With Three Prefixed Speeds)

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 and three step pulley connected to a motor. The stepped pulley arrangement is done for moving the Ball Mill at three different speeds. 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 4 mm (approx.)

Discharge Chute : Suitable size.

Feed Size : 6 mm (approx).

Product Size : 200 mesh (approx.)

Drive : 1 H.P. motor coupled to Reduction Gearbox with 3 step pulley

Product Receiver : Material Stainless Steel of suitable size.

Control Panel Comprises of: Standard make on/off switch, Mains indicator etc.

RPM measurement : By proximity sensor with Digital indicator

Energy measurement : Electronic Energy meter.

MCB : For overload protection. The set-up is fitted with required guards.

An ENGLISH instruction manual consisting of experimental procedures, block diagram.