

Product Name :
Vibrating Screen

Product Code :
NLAB-TECHNICALAB31022



Description :

Vibrating Screen

Technical Specification :

Vibrating screens are those, which rapidly vibrated with small amplitude, are less likely to blind than gyrating screens. The vibrations may be generated mechanically or electrically. Mechanical vibrations are usually transmitted from high-speed eccentrics to the casing of the unit and from there to inclined screens. The setup consists of three different screen with 380mm width and 600mm length fitted on a rigid M.S. frame, feed hopper, eccentric etc. Three screens of different sizes are fitted one above the other. The drives are given from an electric motor.

Experimentation:

Demonstration of Vibrating Screen.

To find out the screening efficiency.

Utilities Required :

Raw Material for Feed.

Electric Supply : Single phase, 220 V AC, 0.5 kW.

Floor Area 1.5 m x 1 m.

Weighing Balance.

Technical Details :

Vibrating Screen (3 Nos.): Width 380mm, Length 600mm.

Mesh: Size – 12.7mm, 9.5mm and 6.3mm (Approx.)

Drive: Eccentric shaft coupled to motor

Feed Hopper: Compatible Capacity with arrangement to control feed.

Collecting bins: 4 Nos. of suitable capacity.

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