

Raymond Mill / Disc Mill

For Laboratories, this model is best for fast and efficient primary grinding of samples of brittle materials like Iron and Manganese ores, Quartz, Glass, Granite, Silicates and various minerals for conventional chemical and physical analysis.

Principle of Operation

The Sample is fed through the hopper, which enters the grinding zone centrally. Grinding zone consists of a rotating Disc and a Fixed disc both having grooves. The rotating disc pushes the material against the fixed disc causing heavy friction which causes the material to shear off into fine particle. The ground material comes out due to gravity and Centrifugal force and collected into a tray.

The adjustable small gap between the discs determines the fineness of the ground material.

Model: KDM-250



Technical Specifications

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| 1 Application | : For preliminary and fine grinding |
| 2 Feed Material Type | : Medium-hard, substantially hard, brittle |
| 3 Size Reduction Principle | : Pressure + friction |
| 4 Disc Diameter | : 200 / 250 / 300 mm |
| 5 Material Feed Size | : (-) 6 mm |
| 6 Discharge Product Size | : (-) 72 mesh |
| 7 Material of grinding tools | : 30-50 kg/hr |
| 8 Gap Width Setting | : 250 gm / min |
| 9 Motor | : 1.5 KW, 3HP, 3 Phase, Standard Make Motor |
| 10 Power Requirement
(to be arranged by user) | : 440 Volts, (earthing + neutral) |
| 11 Mounting Type | : The unit is floor mounted. |

Note: Supplied equipment may vary from the image(s) shown here.