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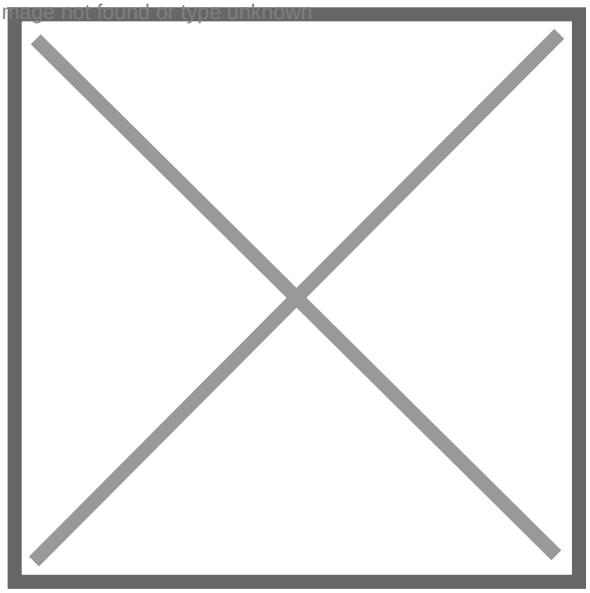
Product Name :

Laboratory Mills

Product Code :

SCI-302/05

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Description :

Laboratory Mills (Product Code: SCI-302/05) is a knife-type cutting mill used to reduce coarse solid samples to a fine, uniform powder before analysis in research, testing and teaching laboratories. Analysts preparing feed, food, plastics, pharmaceutical products or waste choose it because its steel-edged knives cope with medium-hard, brittle, temperature-sensitive and moist material while keeping moisture and volatile losses low. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its lab equipment for research in India and abroad.

Specifications

Parameter	Detail
Mill type	Knife mill; knives with steel cutting edges
Materials handled	Plastic, animal feed, bones, cables, cardboard, electronic scrap, feedpellets, foils, food, leather, material mixtures, non-ferrous metals, paper, pharmaceutical products, refuse-derived fuels, rubber, waste and wood
Sample character	Optimal for medium-hard, brittle, temperature-sensitive and moist samples
Final fineness	5 to 10 micrometres (as listed; confirm for your material)
Control	Precise microprocessor control
Cutting speed	Variable
Sample integrity	Prepares samples for analysis with minimum loss of moisture or volatile constituents
Rotor design	Weight distribution and balancing of rotating parts adjusted for greater stability and quieter running
Product code	SCI-302/05
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Laboratory Mills Used For?

A laboratory mill turns a lumpy, uneven sample into a homogeneous powder, so that the few grams taken for a test truly represent the whole batch. Typical jobs include grinding feed pellets and food before nutrient or moisture testing, cutting plastics, cables and electronic scrap for material analysis, and preparing pharmaceutical products or refuse-derived fuels for quality checks.

Feed the sample in gradually rather than all at once, and pick a gentler cutting speed for temperature-sensitive or moist material. Clean the knives and grinding chamber between samples to avoid cross-contamination. Because the mill is designed to keep moisture and volatile losses low, the milled powder can go straight to weighing and moisture analysis.

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