

Air Current Pulverizer for Fine Powder Processing

The air current pulverizer is designed for fine powder processing of materials. It utilizes high-speed air currents to achieve particle size reduction through impact and friction.



Overview

Professional Air Current Pulverizer

The QLM-1 is a compact and highly efficient airflow crusher designed for ultra-fine particle processing. Engineered for laboratory and pharmaceutical environments, it utilizes advanced airflow dynamics to achieve high-precision results without compromising material properties. Constructed entirely from stainless steel, this system integrates feeding, pulverizing, grading, and collection into one streamlined, energy-saving unit.

Technical Specifications

Key Performance Metrics

3.7 Kw

Installed Power

1 micron

Minimum Particle Size

0.85 Mpa

Max Air Pressure

Operating Parameters

Metric	Value
Input Material Size	< 5 mm
Product Size Output	200-7000 D97
Production Capacity	2-50 kg/h
Air Consumption	3 m3/min
Air Pressure	0.7-0.85 Mpa

Applications

Target Industries

Pharmaceutical, Food Processing, Non-metallic Minerals, Metal Minerals, Chemical/Pigment, Energy Research

Key Features

System Components

- Feeding system
- Pulverizing system
- Grading system
- Dedusting system
- Collection system
- Stainless steel housing