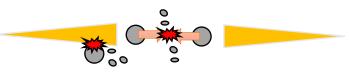
# Cross Jet Mill/Fluidized Bed Type Mill

#### Solution

- •Grinding in inert gas atmosphere (N<sub>2</sub>, Ar gas)
- •Reducing contamination of the product
- Distribution of sharp-peaked particle size
- •Grinding of agglomerates
- •Usable as testing machine for product development and research purposes

## Grinding mechanism

[Pulverization by high-speed jet flow]+[Collisions of raw material particles]

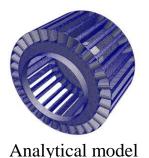


Less contamination during grinding process

Pocket Jet Mill KJ25

#### Classifier

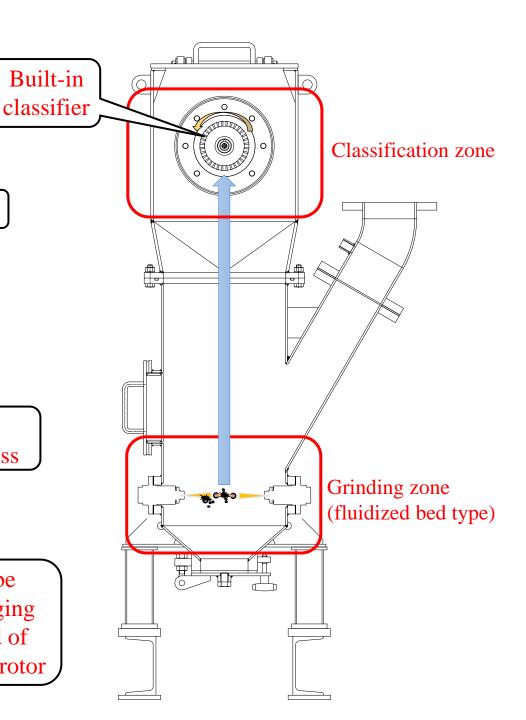
「Centripetal force of air currents」 VS 「Centrifugal force of classification rotor」

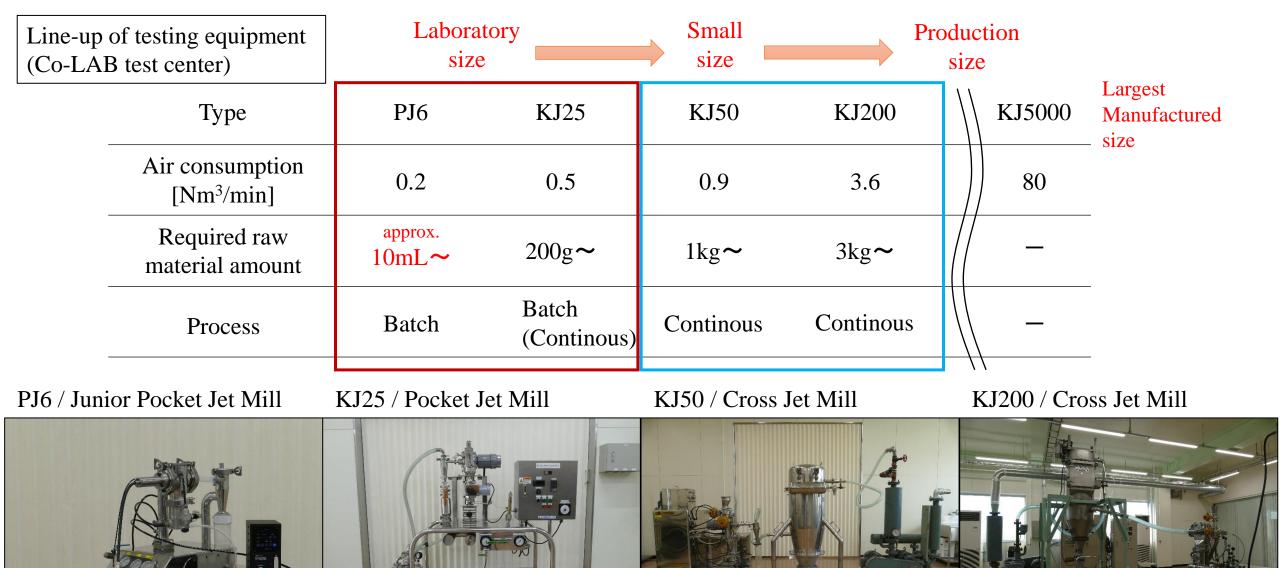




Particle size can be adjusted by changing the rotation speed of the classification rotor

Image of classification rotor





### Why to choose the KJ25 Pocket Jet Mill for product development and research purposes?

- Classifier for mounted for easy particle size adjustment
- Low product contamination
- •Grinding in inert gas atmosphere possible
- •Feasibility tests with small material amount possible
- •Short-time continous operation is possible and sample production is easy
- Compact installation size
- •Easy assembly, disassembly and cleaning



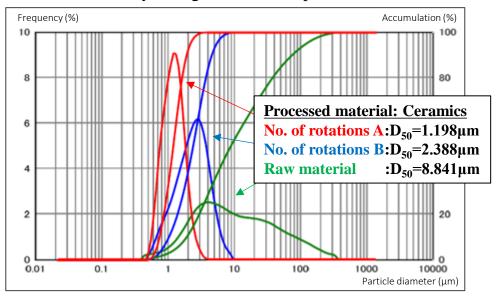
Short-term rental possible | Conditions |

Appropriate for

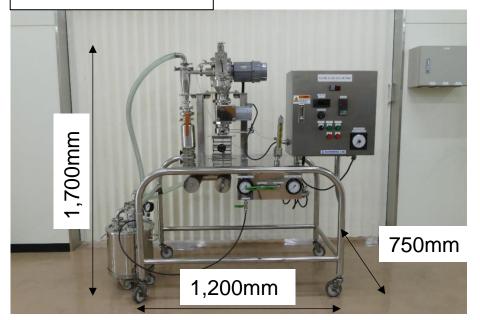
product development and research purposes

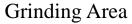
AC200V and compressed air only

Processing example: Particle size adjustment by change of rotation speed



#### KJ25 / Dimensions







Classification Area

