

## Rema Minisplit Classification System

### Models:

The single model is suitable for laboratory use or pilot and small-scale production.

### Applications:

Suitable for product formulation trials and research and development work prior to full-scale production, the Minisplit Classification system is the smallest of the forced-vortex classifiers and has been developed for research and small-scale production. Incorporating a feeder, classifier and product-collection system, it provides very sharp cuts in the range of 1 to 75 microns. It is typically found in pharmaceutical pilot or R&D environments, or fine chemical testing and research laboratories.



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### Features and benefits:

- Operating range from 1 to 75 microns with a feed rate of 1 to 75 kgs/hr
- Excellent sharpness of cut (typically 3 micron band widths at 5 micron mean)
- Control of mean particle size within 0.5 micron
- Precise on-stream control of cut point by variation of rotor speed
- Adjustable secondary air system for optimization of classification efficiency
- Visual read-out of operational settings environment
- Acoustic materials minimize noise emission
- All contact parts manufactured in stainless steel
- Optional screw or vibrating tray feeders
- Feed and product bin capacities to suit customer requirements
- Portable/mobile

### Opposed Jet Milling System:

The Minisplit can be supplied with interchangeable components enabling it to be converted to an Opposed Jet Mill system complete with integral classifier for the size reduction of a wide variety of materials. The simple conversion requires the substitution of a classification chamber in place of the grinding chamber. All integrated ancillary equipment (feeder, product collection system and induced draught fan) remains unaltered. The system has been pre-designed to accommodate the necessary additional controls.

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### British Rema Process Equipment Ltd

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## Typical Opposed Jet (AJ100) unit grinding and classification system



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