

FS HI Sifter

~Better than Ultra-sonic~



***Amazingly, large vertical vibration
No tapping ball = No contamination
Easy screen exchange by user
Made in Japan***

FS HI Sifter can generate large vertical vibration, approx. 5mm at the center. It is best for sifting very fine and/or sticky powders or ones including oils.



Model	Motor	Vibration	Material
FS-UC701HP	0.4kW × 2pcs	50Hz : 1500vpm	SS304 and/or SS316
FS-UC1001HP	0.6kW × 2pcs	60Hz : 1800vpm	

Options;

Explosion-proof version, Motor cover, Transparent top cover, Conical feeder, Side discharge, Customized base-frame, Silicone gasket, Inverter motor, 2 or more classification and more, as per your request!

Features;

- 1. Vertical vibration, 2 to 3 times larger than conventional sifters*
- 2. Screen frame is fixed with swing bolts, not with horizontal bands.*
- 3. Easy screen exchange because of “sandwich” method*
- 4. Both stainless steel and nylon screens are available.*
- 5. No tapping ball = no contamination risk*
- 6. Liquid filtration is also possible.*
- 7. Small foot print, inline installation is also possible.*
- 8. Movable with adjuster-feet casters*
- 9. Inspection port on the lid*
- 10. Cost-effective, not using ultra-sonic devices*

Application examples

Material	Purpose	Model	Screen mesh	Throughput	
SiO ₂	Classification	FS-UC1001HP	20µm	60Kg/h	Fine powder
CaCo ₃	Classification	FS-UC1001HP	36µm	360Kg/h	Adhesive powder
Carbon	Classification	FS-UC1001HP	45µm	120Kg/h	Fine powder 0.8g/cc
Metal silicon	Classification	FS-UC1001HP	45µm	120Kg/h	Sieve efficiency 90%
Tantalum	Classification	FS-UC1001HP	75µm	280Kg/h	Small powder
Powder paint	Classification	FS-UC1001HP	154µm	500Kg/h	
TiO ₂	Contamination removal	FS-UC1001HP	280µm	260Kg/h	Adhesive powder
Carboxylic oxide	Contamination removal	FS-UC701HP	280µm	170Kg/h	Adhesive powder

How to exchange screen



Set metal screen



Set nylon screen



Set metal retainer



Fix metal retainer



Set gasket



Set body frame



Set swing bolts



Fix swing bolts