



SHIFTERS

FS High Sifter

~Better than Ultra-sonic~



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

FEATURES:

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

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

MACHINE MODELS:

Model	Motor	Vibration	Material
FS-UC401HP	0.4kW×2pcs	60Hz : 1800vpm	SS304 and/or SS316
FS-UC501HP	0.4kW×2pcs	60Hz : 1800vpm	
FS-N701	0.4kW×2pcs	60Hz : 1800vpm	
FS-N1001	0.6kW×2pcs	60Hz : 1800vpm	