



Exceptional equipment.
Unmatched service.
40+ years and counting.



VIBRO SIFTER

PRODUCT BROCHURE





We at Kanath Engineering
have built a reputation for excellence
through our continuous contribution
to the engineering industry.

A place where industrial age build quality
meets innovations in modern technology.



You may be familiar with our technical expertise
in the manufacturing of processing machinery.

After having the opportunity to serve the
pharmaceutical, nutraceutical, chemical,
cosmetic, food, plastic and other allied industries,
we now enter a new era of exponential improvement.

Introducing our new range of equipment,
the AURUS machines.



Clients

There is nothing we enjoy more, than
satisfying clients that appreciate our
philosophy of under-promising and
over-delivering, far beyond expectation.

Our machines are known to be
built like tanks, but we are always there
to help, if things ever get troublesome.



AURUS Vibro Sifter

The AURUS Vibro Sifter is built on the 'gyro' principle and is compact in size as well as portable. The gyratory motion is generated by a precisely designed gyro motor, which is installed beneath the vibrating assembly and separated from the base by specially developed springs. The adjustable vibratory motion sifts oversized particles, agglomerates and fines formed during processing to obtain precise particles in the appropriately sized ranges while providing dust-free sifting. During the transfer and filtering operation, IPC Bin and hopper can be easily connected to prevent dust generation.

AURUS Vibro Sifters are GMP compliant, simple to use and clean, with easy access to all product contact parts and corners to reduce the possibility of cross-contamination. Multiple mesh sizes are available to meet the demands of different processing applications. We optionally provide systems Compliant with 21 CFR Part 11.

Benefits

- ▶ Dust-free design.
- ▶ Energy efficient.
- ▶ High performance, Low noise.
- ▶ Double and Triple Decker arrangement can be provided as per requirement.
- ▶ cGMP Model with SS 316L contact parts and SS 304 non-contact parts.
- ▶ Vibratory Motion Intensity can be adjusted.
- ▶ Powder charging through a dust-free SS 316L hood.
- ▶ Quick opening SS 316L clamps make disassembly, cleaning, and reassembling a breeze.
- ▶ Mounted on sturdy Castor Wheels with brakes, this portable unit is easily transportable.
- ▶ Rugged springs isolate the vibrating assembly.
- ▶ Silicone moulded mesh.



Interchangeable
Screens for
Better Precision

Easy to Dismantle
and Clean

Castor wheels
with brakes for
easy mobility.



cGMP Model with SS
316L contact parts
and SS 304 non-
contact parts.

Adjustable
Vibratory Motion
Intensity.

Certified cGMP,
CE, UL compliant

The AURUS Vibro Sifter is available in multiple variants for scalable results. Please contact us if your requirement exceeds that.

Models

Name	KVS-12	KVS-20	KVS-24	KVS-30	KVS-36	KVS-48	KVS-60
Motor	0.25 HP	0.50 HP	0.50 HP	0.50 HP	1.00 HP	1.50 HP	2 HP
Capacity	upto 20 Kg/Hr	upto 100 Kg/Hr	upto 200 Kg/Hr	upto 350 Kg/H	upto 500 Kg/Hr	upto 850 Kg/Hr	upto 1200 Kg/Hr

A solid, reliable machine for all of your sifting & sieving needs. Powerful and predictable, every single time.

Technical Specifications

Material	SS316L (contact) SS304 (non-contact)
Finish	Mirror (interior) RA < 0.30 Mirror (external) RA < 0.30
Motor	1400 RPM, 415 V AC, 3 Phase, 50 Hz. Custom motor available on request.
Optional	Touch-screen control system. ATEX-complaint Flame-proof electricals. Vacuum rated.



Food Industry

The Vibro sifter has been a vital tool in the processing of a large variety of edible items like baby foods, baking soda, bakery & cake mixes, candy starch, cheese powder, chili powder, cocoa powder, dehydrated vegetables, dextrose, various flour, instant coffee, salt, soy meal, spices, sugar, etc.

Pharmaceuticals

Due to its effectiveness in deagglomeration and sieving of bulk powders and granules, the pharmaceutical industry puts this equipment to optimum use.

The separation & classification of active pharmaceutical ingredients, miscellaneous fine powders and numerous other mixtures is possible thanks to the high-output of AURUS machines.



Chemicals

The under-driven motor is more than capable in sifting chemical powders like calcium carbonate, fertilizers, fungicides, herbicides, detergents, epoxy resin, grit, paint pigments, powdered coal, powder coatings, silica, sodium bicarbonate, titanium dioxide, urea, ground hull and various other substances.

Nutraceuticals & Cosmetics

Apart from the above industries, the health, beauty and well-being industry is another avenue where this equipment has proved to be quite useful. Especially in the manufacture & processing of supplements like glutamine, casein, BCAAs, powdered whey, & other proteins, multi-vitamins and cosmetics like mild powders, soaps, clay, talcum powder, etc.





Notes

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