

HK TECHNOLOGIES

LAB & PILOT SIEVES

Fine Mesh Vibratory Sieves for small batch processing & quick sieve analysis of product samples. Get consistent throughput and repeatable sampling compared to manual sieve shaking methods for particle sizing applications. HK Technologies full line of Lab & Pilot Sieves are engineered and manufactured to fit your unique application using high quality components. Standard models screen sizes sieve materials down to 20 micron (635 mesh) with Precision Eforming Sieves available with sieving capabilities down to 10 micron.



HK QUIK SIV HAND SIEVE

A highly affordable option that offers product layering and repeatable sampling compared to traditional hand sieving methods. Hand-held, and easy to use, the high-frequency vibrator enables fast screening and reduces blinding.



HK SERIES

Designed and built as a compact, tabletop unit for the lab or pilot plant evaluating small powder batches. Unit features a side discharge for removing oversized particles and contaminants. Precision Eforming Sieves are available. All units are CE rated.



HKC SERIES

The perfect tool for check screening applications where space limitations are an issue. The unit is designed with a center discharge and is ideal for single deck screening dry or liquid batches. Side discharge for oversized material is available. All units are CE rated.



HK GYRA SIEVE SHAKER SERIES

The economical option in advanced sieving technology for multiple deck sieve analysis applications. Cut and separate particles to the size you need with accurate, repeatable and reliable results. Unit offers high load capacity capabilities, decreasing sieve times and optimal separation efficiency.



HK DUAL DRIVE SIEVE SHAKER SERIES

Engineered using a three-dimensional sieving motion, sample material moves equally over the complete screen surface resulting in faster throughputs with shorter sieve times for difficult-to-screen materials. Cut and separate liquid or dry batches to the size you need.



HK INCLINE SCREENER

The complete self-contained ultrasonic screening system designed for extremely high yield screening applications requiring quick throughput rates. The Ultrasonics System virtually eliminate screen blinding or clogging, providing an extremely reliable method for removing oversize and fine particles from batches.

Unparalleled Application Knowledge Backed By Decades of Experience.



LAB & PILOT SIEVES

THE HK DIFFERENCE

We offer *direct* support for *your solution*.

We provide *dependable, high quality products* with superior designs.

We are committed to *accurate & fast* turnaround and *lead times*.

All Lab & Pilot Sieves are designed with minimal wear parts to make maintenance an infrequent and easy task. Minimal contact parts allow for quick and easy clean up or screen changeover.

Flexibility in design options ensures a seamless fit into your existing production processes for your specific screening or sieving application.

We are dedicated to high quality construction, warranty and service.

Apply HK's Ultrasonic Screen Deblinding System to ANY Lab or Pilot Sieve and Increase Sieve Rates up to 10x!

HK Technologies Ultrasonic Deblinding System is designed using an ultrasonic transducer attached to a frame or ring, preserving the integrity of the mesh and extends life out in the field.

- The frame delivers a high frequency, low amplitude ultrasonic vibration that excites the screen, effectively eliminating screen blinding
- Applying Ultrasonics gives you the ability to utilize 100% of the screen deck, increasing throughput rates
- HK's unique ultrasonic vibration transducer design is attached to a frame, eliminating screen tearing issues of competitive units
- HK'S Ultrasonic Conversion System can be applied as a retrofit conversion on most standard sized competitive vibratory screeners, sieves and sifters.

Industries We Serve:

- ✓ 3D Printing
- ✓ Agriculture
- ✓ Pharmaceuticals
- ✓ Vitamin Production
- ✓ Dry Chemical Processing
- ✓ Powder Metal Production
- ✓ Additive Material Manufacturing
- ✓ Powder Coatings
- ✓ Food & Beverage

Common Applications:

- ✓ Particle Sizing & Separation
- ✓ Solid/Liquid Separation
- ✓ Check Screening
- ✓ Particle Analysis
- ✓ Sieve & Classify Dry Bulk Goods



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HK TECHNOLOGIES
YOUR SOLUTION FOR FINE MESH SCREENING