

DESIGNED & BUILT AS A COMPACT, TABLETOP UNIT WHEN SPACE IS AN ISSUE

HK SERIES

The HK Series is designed and built as a compact, tabletop unit for the lab or pilot plant evaluating small powder batches. It utilizes one (1) high-speed rotary electric drive to generate a unique vibratory motion that will effectively handle any powder or liquid laboratory or small batch applications.



PRODUCT DETAILS:

Standard models screen sizes sieves materials down to 20 micron (635 mesh).

Unit features side discharging design for removing oversized particles and contaminants from the powder batch.

Utilizing the optional Ultrasonic Deblinding system can additionally increase throughput and product yield by virtually eliminating screen blinding.

Precision Eforming Sieves with sieving capabilities down to 10 micron are also available.

All units are CE rated!

BENEFITS:

- 8", 12", and 17" sieve diameters available
- Ideal for single deck screening dry or liquid batches, multiple deck variations available
- One (1) high speed rotary electric drive
- Standard model screen sizes sieves materials down to 20 micron (635 mesh)
- Low noise levels
- With only 3 contact surfaces, cleanup is quick & easy
- Screen frames designed for quick and low-cost screen replacement
- Unique Ultrasonic transducer design allows for 100% utilization of screen surface
- Ultrasonic vibration use reduces throughput on very fine materials such as diamond dust from hours to minutes
- Options for multiple screen decks using one Ultrasonic transducer

ULTRASONIC TRANSDUCER



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

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 THE HK SERIES 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 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.

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