

# Highly Efficient Sieving with Ultrasonics - Hielscher UP200TS

[www.hielscher.com/sieve](http://www.hielscher.com/sieve)

The ultrasonic sieve shaker from Hielscher Ultrasonics is designed for laboratory use for quickly and reliably sieving, fractionating, classifying or separating powders.

The ultrasonic sieve system consists of one or more ultrasonic rings that are clamped between standard laboratory sieves or analytical sieves to transmit ultrasonic vibrations to all sieves in the stack.

## **Versatile applications:**

Suitable for a variety of materials, such as mineral or metal powders, pigments, powder coatings, crystalline materials, spices, soil samples, cement powder and ceramic mixtures. The UP200TS Ultrasonic Sieve Shaker is not only suitable for dry powders, but can also partially sieve wet powders.

## **Advantages over conventional screening machines:**

High-frequency vibrations prevent overstretching of the screen fabric, maintain tension and extend the life of the screen. The abrasion on the sieve is reduced

Minimizes abrasive wear on the screen mesh, allowing the screens to be used for longer.

Allows you to sift larger amounts of powder at once.

## **Control and adjustability:**

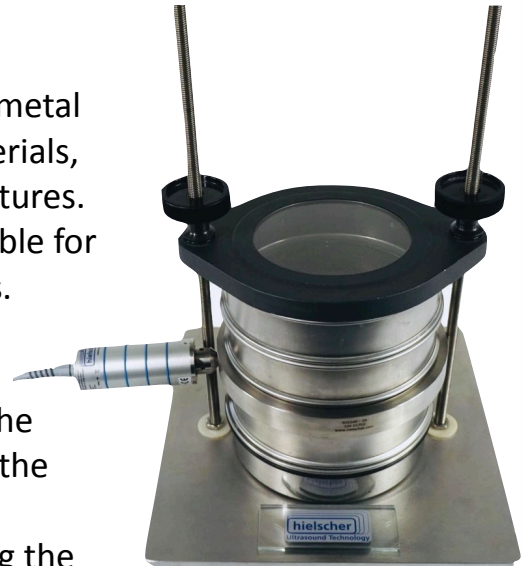
The intensity of the ultrasonic vibrations is adjustable on the generator to control the sieving intensity.

Includes standard features such as a timer and individually adjustable interval modes.

## **Manufacturing and quality assurance:**

Manufactured exclusively in Germany by Hielscher Ultrasonics.

ISO certified company with 30 years of experience in the ultrasound field, ensuring high quality products and reliability.



## **Compatible sieve sizes:**

Ø 100mm

Ø 150mm

Ø 200mm

Ø 203.5mm = 8"

Ø 305mm = 12,0"

Ø 400mm

**Special sizes available upon request.**



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# hielscher ultrasonics