

# WE 'R' STRONG



## NEW SIEVE SHAKER AS 450

### BENEFITS

- Sieving with 3-D effect
  - Suitable for dry and wet sieving
  - Measurement range 20 µm to 125 mm
  - Sieve stack up to 960 mm height, Ø 400 / 450 mm
  - High sieve loads (up to 20 kg)
  - Excellent separation efficiency even with short sieving times
  - Electromagnetic drive for high loads
  - Digital parameter setting with controlled amplitude
  - Remote operation panel for comfortable handling
  - Automated evaluation with software EasySieve® available
- [www.retsch.com/as450](http://www.retsch.com/as450)

THE ONLY 450 MM SIEVE  
SHAKER THAT REALLY ROCKS!

EXCELLENT SEPARATION  
EFFICIENCY

# Retsch®

Solutions in Milling & Sieving

a VERDER company

[www.retsch.com](http://www.retsch.com)

# SIEVE SHAKER AS 450

Performance data	AS 450
Applications	separation, fractioning, particle size determination
Feed material	powders, bulk materials, suspensions
Measuring range*	20 µm to 125 mm
Max. batch / feed capacity	20 kg
Max. number of fractions**	11 / 14
Max. mass of sieve stack	50 kg
Adjustment of sieving parameters	
Amplitude	digital, 0.2 - 2.2 mm
Time	digital, 1 - 99 min
Interval operation	10 - 99 s
Memory for 9 sieving programs	yes
Suitable for sieving of wet products	yes
Serial interface	yes
Sieving Motion	throwing motion with angular momentum
Technical data	
Suitable sieve diameters	400 mm / 450 mm (18")
Height of sieve stack	up to 960 mm
W x H x D	714 x 435 x 629 mm
Net weight	approx. 200 kg

\*depending on feed material and used sieve set

\*\*depending on the used sieve sizes

## Order data

Sieve Shaker AS 450	Item No.
AS 450 (for test sieves 400/450 mm)	
(Please order clamping device, test sieves and collecting pan separately)	
AS 450 for 230 V, 50/60 Hz	30.026.0001
Other electrical versions available for the same price	
Clamping devices AS 450	
Clamping device „standard“ for test sieves 400/450 mm Ø	32.662.0015
Clamping device „comfort“ for test sieves 400/450 mm Ø	32.662.0016
Wet sieving clamping device „standard“ for test sieves 400/450 mm Ø	32.662.0017
Wet sieving clamping device „comfort“ for test sieves 400/450 mm Ø	32.662.0018

For additional accessories like test sieves, collecting pans, sieving aids etc. please refer to our price list.

# Retsch®

**Retsch GmbH**  
Rheinische Straße 36  
42781 Haan, Germany

Phone +49 21 29/5561 - 0  
Fax +49 21 29/8702

E-mail info@retsch.com  
Internet www.retsch.com

a VERDER company



## 3-D sieving for heavy loads

With the analytical sieve shaker AS 450 RETSCH have designed their first sieve for 400 mm and 450 mm sieves which operates with a three-dimensional sieving motion. It can be used for dry and wet sieving. **The optimized electromagnetic drive allows for an amplitude up to 2.2 mm which produces a separation process much more effective than with other sieve shakers of this type.** Reproducibility plays an important role: The amplitude - which is independent of the sieve load - is continually adjusted. The three-dimensional sieving motion lets the sample material move equally over the complete sieving surface. This results in **high load capacity, extremely smooth operation and short sieving times with high separation efficiency.**

When it comes to operating comfort, the AS 450 meets all the requirements of a modern laboratory. All parameters such as amplitude, time and interval are digitally set, displayed and controlled. It is possible to store up to 9 parameter combinations for routine tasks.

RETSCH – Your specialist for sample preparation offers you a comprehensive range of equipment. Please request information on our crushers, mills, sieve shakers, sample dividers, feeders as well as cleaning and drying machines.