

# SIEVE SHAKER TITAN 450


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## PRODUCT VIDEO

**The name says it all: The new Titan 450 is Endecotts' most powerful sieve shaker! It is built for large sieve diameters and can take up to 7 x 450 mm diameter test sieves!**

The Endecotts Titan 450 is a vibrating shaker that is used to carry out sieve tests in conjunction with sieve stacks for particle sizing of various material samples. It is based on an electromagnetic drive, with special carbon fibre springs that are set at a calculated angle to provide a horizontal twist, as well as a vertical movement to carry out efficient sieve tests.

The Titan 450 has a remote control unit that houses a digital controller to vary the vibration, process time and intermittent settings.



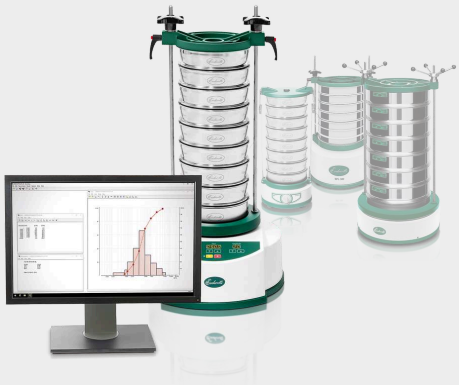

Click to view video

**Product Video**

## PRODUCT ADVANTAGES

- Electromagnetic drive for quiet and virtually maintenance free operation
- Easily set to maximum efficiency
- Digital controls for easy and reliable operation via external interface
- Economical
- No mechanical moving parts
- Suitable for wet or dry sieving


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## THE PERFECT ADDITION TO OUR SIEVE SHAKERS: SIEVEWARE

For even better evaluation results and effective handling.

- Automatic registration, evaluation and administration of measurement data
- Automatic detection and configuration of common analytical scales
- Comprehensive data export

## TECHNICAL DATA

| | |
|---|---|
| **Range** | 20 µm to 125 mm |
| **Drive / sieving motion** | electromagnetic 3D |
| **Max. batch / feed capacity** | 20 kg |
| **Max. number of sieves** | 7 full height 450 mm / 11 full height 300 mm |
| **Amplitude** | 0 - 2 mm<br>digital setting in 10 steps |
| **Speed** | 3,000 min-1 at 50 Hz |
| **Time display** | digital, 00:10 - 99:50 min (external unit) |
| **Suitable for dry sieving** | yes |
| **Suitable for wet sieving** | yes |
| **Sieve diameter** | 250 / 300 / 315 / 350 / 400 / 450 mm / 12" / 18" |
| **Max. height of sieve stack** | up to 830 mm |
| **Clamping devices** | turn and twist clamping system (included) |
| **Model** | floor |
| **Protection code** | IP 54 |
| **Electrical supply** | different voltages available |
| **Power connection** | 1- Phase |
| **W x H x D** | 606 x 230 mm |
| **Net weight** | ~ 140 kg |
| **Standards** | CE |


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