



**QAQC LAB**

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

Endecotts

Heavy Duty Sieve Shakers

## Titan 450

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 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.



### Advantages

- Electromagnetic drive for quiet and virtually maintenance free operation
- No mechanical moving parts
- Digital controls for easy and reliable operation via external interface
- Compatible with various diameter sieve sizes
- Suitable for wet or dry sieving
- AASHTO T 27 compliant



Specifications	Titan 450
Range	20 µm to 125 mm
Drive / sieving motion	electromagnetic 3D
Max. batch / feed capacity	20 kg
Max. number of sieves	7 full height, capacity increases with half height sieves
Amplitude	0 - 2 mm, digital setting in 10 steps
Time display	digital, 0:10-99:50 min:sec (external unit)
Suitable for dry sieving	yes
Suitable for wet sieving	yes
Sieve diameter	250 / 300 / 315 / 350 / 400 / 450 mm 12" / 18"
Clamping device	turn and twist clamping system (included)
Model	floor
Protection code	IP 54
Electrical supply	different voltages available
Power connection	1 - phase
Ø x H	606 x 230 mm
Net weight	~ 140 kg