

Sieve Shaker TITAN 450

General Information

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.



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

Specifications

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 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



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Net weight ~ 140 kg
Standards CE

Order Data

Titan 450 Sieve Shaker

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for up to 7 pc of 450 mm (18") diameter sieves (to be ordered separately) including turn twist clamping system

T450/23050	Titan 450, 230 V, 50 Hz
T450/23060	Titan 450, 230 V, 60 Hz
T450/10050	Titan 450, 100 V, 50 Hz
T450/10060	Titan 450, 100 V, 60 Hz
T450/11050	Titan 450, 110/120 V, 50 Hz
T450/11060	Titan 450, 110/120 V, 60 Hz

Sieves and accessories (receiver, lid, etc.)

Wet Sieving Kit

ZMWSK-T450	ø 450 mm, for Titan 450
ZMWSK-T450/18	ø 18", for Titan 450