

**MODERN & REVOLUTIONARY**

### What to look for in a good sieve shaker

One of the most important characteristics of a good sieve shaker is to deliver reliable and reproducible sieving results at any time. Furthermore it should reach an ultimate end point in the shortest sieving time possible in order to save valuable working hours.

In order to provide a long, trouble free life the construction of a sieve shaker is very important. An electromagnetic drive, for example, has the distinct advantage of no mechanical parts that might need servicing or replacing.

Other useful features that can increase performance, shorten sieving time or simply make life easy are: **amplitude control, continuous or intermittent vibration control, timer, correct and consistent clamping pressure, anti-vibration feet and low noise level.**

Endecotts sieve shakers are therefore designed and engineered around the key features listed above, ensuring that the design performance provides the optimum sieving action to the sieves to give rapid accurate results.

As a manufacturer of test sieves we understand how sieves and shakers interrelate. This knowledge is intrinsic in every model.

Our new line of laboratory and heavy duty sieve shakers:

precise & efficient,  
easy to operate,  
featuring a fresh look

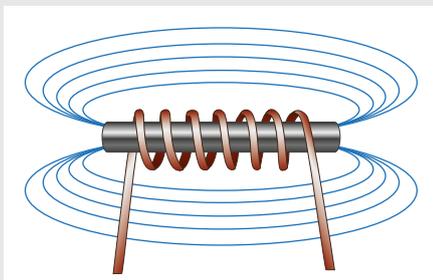


#### Laboratory

	Air Sizer 200	Minor 200
Range:	20 µm - 4 mm	20 µm to 125 mm
Drive / sieving motion:	dispersion by air jet	electromagnetic
Amplitude / Speed:	5 - 55 rpm (nozzle speed)	~ 1.6 mm (depending on loading), fixed
Sieve diameter:	203 mm / 8" premium air jet sieves	100 mm / 200 mm, 3" / 8"

### Features

#### Electromagnetic Drive



An electromagnetic drive produces an ideal throwing motion that disperses material equally over the whole sieving surface. Furthermore it is virtually maintenance-free and extremely quiet in operation.

#### 3D Performance



Vertical vibration is generated by the on/off frequency of the electromagnetic drive. However, vertical vibration is not enough to impart the correct movement for sieving. The shaker also needs to twist the sieve stack - this rotating action ensures the sample passes over the full surface of the sieve and the maximum number of apertures to give rapid accurate results

#### Wet Sieving Conversion Kits



A wet sieving kit includes a top clamping plate with a Perspex cover and spray rose, watertight O-ring seals and a stainless steel receiver with drainage spout. O-ring seals may also be ordered separately.

Available for: Octagon 200, Octagon 200CL, EFL 300, Titan 450.



### Laboratory

### Heavy Duty

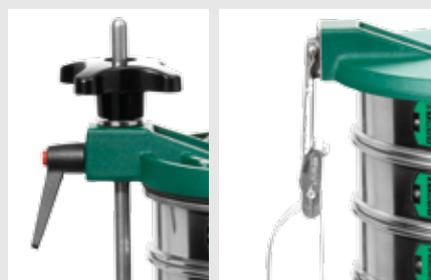
Octagon 200	Octagon 200CL	EFL 300	Titan 450
20 µm to 125 mm	20 µm to 125 mm	20 µm to 40 mm	20 µm to 125 mm
electromagnetic 3D	electromagnetic 3D	electromagnetic 3D	electromagnetic 3D
0 - 3 mm, digital setting in 10 steps	0 - 3 mm, digital setting in 0.1 mm steps, "Closed Loop" amplitude control	0 - 2 mm, digital setting in 10 steps	0 - 2 mm, digital setting in 10 steps
100 mm / 200 mm, 3" / 8"	100 mm / 200 mm, 3" / 8"	100 / 150 / 200 / 250 / 300 / 315 mm, 3" / 8" / 12"	250 / 300 / 315 / 350 / 400 / 450 mm, 12" / 18"

#### Anti-Vibration Feet



Anti-Vibration Feet maintain optimum performance and avoid shaker 'walking'.

#### Unique Clamping



Endecotts shakers are fitted with a unique clamping device enabling the clamp plate to be fitted in seconds. It also ensures the clamp plate secures the sieves with consistent pressure to provide consistent results and longer sieve life.

#### Extensive Control



Most Endecotts shakers are fitted with a high degree of control over all shaker functions - a feature extremely useful for many materials and in many industries.