

DIGITAL ELECTROMAGNETIC SIEVE SHAKER "LARGE FORMAT"



Advantages:

- Big volumes of sample.
- Accuracy and reliability.
- Repeatability of tests.
- 3D motion, highly effective: very short sieving times.
- Digital adjustment of amplitude, sieving time, speed and direction/time of rotation.
- Fast clamping system "Cisa-press".
- Easy to operate.
- Sieving for dry and wet test.
- Maintenance free.
- 2 years of warranty.

Electromagnetic sieve shaker "large format" for granulometric test of large sample volumes with sieves Ø 300, 305, 315, 350, 400 and 450 mm.

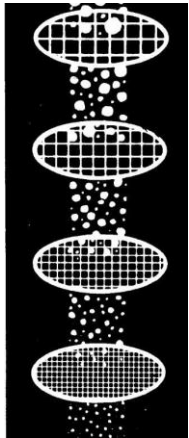
The digital adjustment of the amplitude and sieving time allows the repeatability of the tests.

High performance thanks to three-dimensional motion of the particles, which is achieved by combining a vertical displacement with a rotation of the sample for the screen surface. The speed, time and direction of rotation -to the left or right- are configurable.

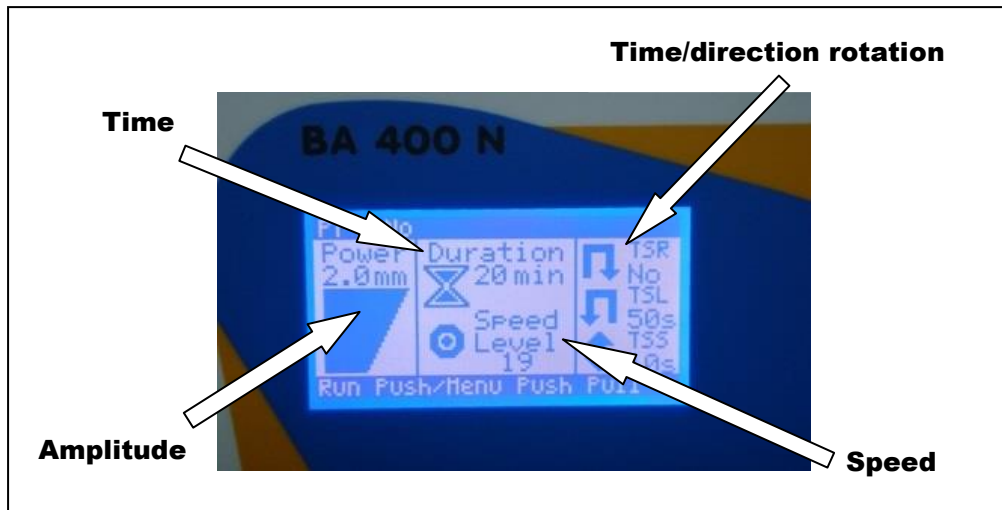
Fast fixation of sieves using "Cisa-press" system, reducing the time of preparation of the machine. It allows out 8 sieves of 100 mm or 10 sieves of 70/80 mm high.

It's possible to do dry and wet test on the same equipment, only adding the Wet Kit.

Recommended for materials with density $\geq 8\text{gr/cm}^3$.



4 Functions



Adjustment of 4 different parameters with only one command and LCD screen which allows access to all information during sieving.

TECHNICAL CHARACTERISTICS

Type of equipment:	Electromagnetic. Large format.
Type of sieving:	Dry / Wet
Application:	Granulometric separation
Maximum weight of sample:	12 kg. (Depending on the characteristics of the product)
Range of sieving:	40 µm to 125 mm
Particle motion:	Three-dimensional (vertical+ rotation, 15 levels of adjustment)
Dynamic of sieving:	3000/3600 vibrations per minute, depending on the type of electrical system (50/60 Hz)
Maximum amplitude of vibration:	2 mm
Time of test:	1 to 99 minutes
Work cycle:	Time of rotation, to left and right side: from 0 to 99 sec. Time of vibration without rotation: from 0 to 99 sec.
Maximum number of sieves:	8 (Ø 400/450 x 100 mm high) 10 (Ø 300/400 x 70/80 mm high)
Diameter of sieves:	300 to 400 mm.
Electrical connection:	Single phase with protective earth
Voltage:	230 /125 V – 50 / 60 Hz
Power:	500 W.
Dimensions, Weight:	Ø 540 x 160 mm high, 62 kg. / Control: 220 x 115 x 85 mm, 2 Kg.



Kit for wet sieving



Rubber balls



Brushes for cleaning