

## DIGITAL ELECTROMAGNETIC SIEVE SHAKER "SILENT"



### Advantages:

- Very silent.
- Accuracy and reliability.
- Repeatability of tests.
- 3D motion, highly effective: very short sieving times.
- Digital adjustment of amplitude, sieving time and vibration according to the number of sieves.
- Continuous and discontinuous sieving
- Fast clamping system "Cisa-press".
- Easy to operate.
- Sieving for dry and wet test.
- Maintenance free.
- 2 years of warranty.

Digital electromagnetic sieve shaker designed to minimize the noise and the transmission of vibration. Suitable for granulometric tests, using sieves Ø 60, 75, 100, 150, 200 and 203 mm.

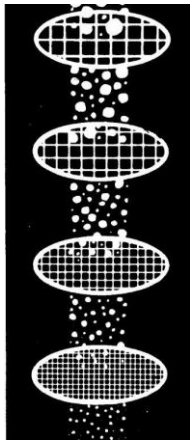
It allows the repeatability of the tests due to digital control of amplitude and sieving time. It incorporates the latest technology on continuous and discontinuous sieving process and a system that adjusts the vibration depending on the number of sieves

The three-dimensional movement of particles –combining a vertical displacement with a rotation of the sample for the screen surface - reduce the time of sieving.

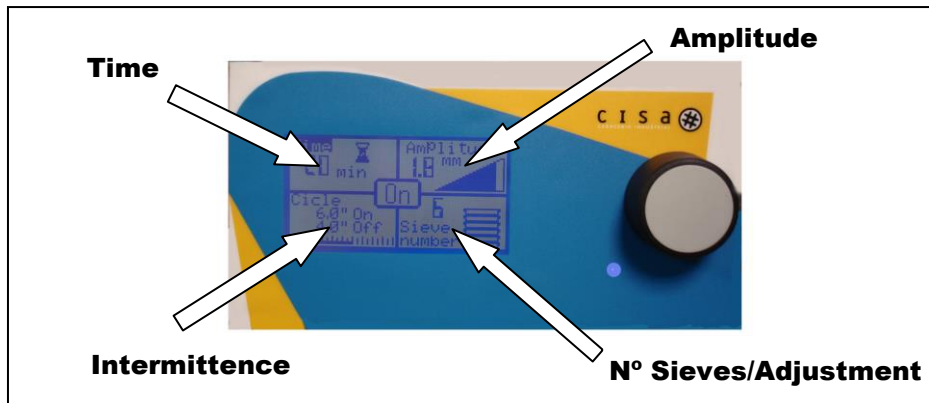
Quick fixation of screens using the "Cisa-press" system which reduces the time of preparation of the equipment. It allows out 8 sieves of 50 mm or 15 sieves 25 mm high.

It's possible to do dry and wet tests on the same equipment.

Recommended for materials with density  $\geq 0,8\text{gr/cm}^3$ .



### 4 Functions



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

### TECHNICAL CHARACTERISTICS

<b>Type of equipment:</b>	Electromagnetic. Silent.
<b>Type of sieving:</b>	Dry / Wet
<b>Application:</b>	Granulometric separation
<b>Maximum weight of sample:</b>	3 kg. (Depending on the characteristics of the product)
<b>Range of sieving:</b>	20µm to 125 mm
<b>Particle motion:</b>	Three-dimensional
<b>Dynamic of sieving:</b>	3000/3600 vibrations per minute, depending on the type of electrical system (50/60 Hz)
<b>Maximum amplitude of vibration:</b>	2,5 mm
<b>Time of test:</b>	1 to 99 minutes
<b>Work cycle:</b>	Continuous / discontinuous mode (with intervals of 10 seconds)
<b>Maximum number of sieves:</b>	8 (Ø 200/203 x 50 mm high) 15 (Ø 200/203 x 25 mm high)
<b>Diameter of sieves:</b>	60 to 203 mm.
<b>Electrical connection:</b>	Single phase with protective earth
<b>Voltage:</b>	230 /125 V – 50 / 60 Hz
<b>Power:</b>	450 W.
<b>Dimensions, Weight:</b>	455 x 355 x 130 mm, 47 kg



Kit for wet sieving



Rubber balls



Brushes for cleaning