

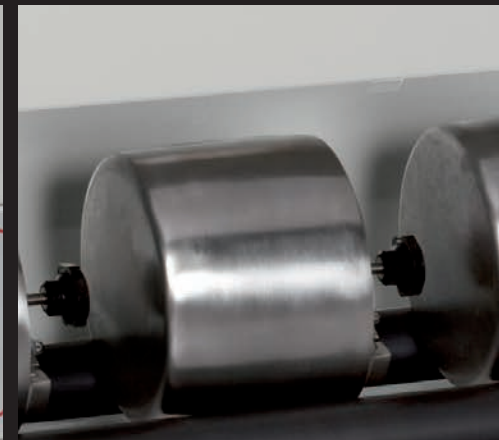
# orto alresa

Centrifuges and laboratory products

[info@ortoalresa.com](mailto:info@ortoalresa.com)

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

+34 91 884 40 16



Other laboratory products

Sieve shaker & Sieves



# SIEVE SHAKER & SIEVES



CE

The analytic **sieve shaker OASS203** is designed to obtain reproducible results in accordance with the standard ISO 9001 for measuring and control equipment. It is an essential device for research laboratories and for quality assessment of any type of industries during the analysis of the production process. It allows to define mechanic characteristics of particles, concentration by joining forces, miscibility, performance with regard to stress, organoleptic characteristics, etc.

## Features

- Capacity up to 6 kg of sample.
- Three-dimensional movement.
- It can fit wet and dry sieves.
- It is controlled by a microprocessor.
- Max. capacity: 8 sieves of 50 mm of high or 16 of 25 mm of high.
- Includes standard lock system and cover, easy to assemble.

## Easy to use

- Adjustment of the sieve power (100% corresponds to 7.500 RPM). This allows better spread of the sample through the sieve and better efficiency in the sieve process.
- It is programmable up to 16 memories.
- Timer from 10 sec. to 99 min. programmable in 10 sec. steps and hold position.
- Adjustable by intervals from 1 to 99 seconds.

## Safety

- Extremely silent. It has the least noise level of those available.
- Metal cover. It is tough and stable.
- Electric protection with ground power and fuses.

## Accessories

- Sieves of stainless steel AISI 304 for the ring, AISI 316 for mesh and AISI 304 for perforated plate. With sealing gasket and marked with indelible laser.
- Sieves diameters available: check accessories table in pag. 94.
- Max. capacity: 8 sieves of 50 mm of high or 16 of 25 mm of high.
- Range of particle sizes which can be analyzed: from 20  $\mu$  to 125 mm .
- The calibration certificate is available.

**EU Directives:** 2014/30/EU, 2014/35/EU, 2011/65/EU, 2012/19/UE

**Standards:** EN 61010-1, EN 61010-2-051, EN 61010-2-101, EN 61326-1.

| Versions | Dimensions<br>(mm) (w x d x h) |     |     | Consumption<br>(W) | Voltage<br>(V) | Frequency<br>(Hz) | Net weight<br>(Kg) |
|----------|--------------------------------|-----|-----|--------------------|----------------|-------------------|--------------------|
|          |                                |     |     |                    |                |                   |                    |
| TA 005   | 270                            | 380 | 270 | 120                | 220-240        | 50-60             | 19                 |
| TA 006   | 270                            | 380 | 270 | 120                | 110-120        | 50-60             | 19                 |



## Accessories: Sieves

Available dimensions: Ø 200 x 50 mm; Ø 200 x 25 mm; Ø 100 x 50 mm; 8" x 2" (Ø 203 x 50 mm); 8" x 1" (Ø 203 x 25 mm). For further mesh dimensions, you can consult us on telf. +34 91 884 40 16 or in info@ortoalresa.com. Sieves of stainless steel AISI 304 for the frame, AISI 316 for the mesh and AISI 304 for the perforated plates.

### Sieves of stainless steel of Ø 200 x 50 mm

| Standard ISO 3310-2:<br>Perforated plates sieves (AISI 304) |           |
|---|-----------|
| Code  | Mesh (mm) |
| PI 065  | 125.00    |
| PI 069  | 100.00    |
| PI 070  | 80.00     |
| PI 071  | 63.00     |
| PI 072  | 50.00     |
| PI 073  | 40.00     |
| PI 074  | 25.00     |
| PI 075  | 20.00     |
| PI 076  | 16.00     |
| PI 077  | 12.50     |
| PI 078  | 10.00     |

| Standard ISO 3310-1:<br>Mesh sieves (AISI 316) |                             |
|--|-----------------------------|
| Code   | Mesh (mm)                   |
| PI 079   | 8.00                        |
| PI 080   | 6.30                        |
| PI 081   | 5.00                        |
| PI 082   | 4.00                        |
| PI 297   | 3.15                        |
| PI 083   | 2.50                        |
| PI 348   | 2.36                        |
| PI 084   | 2.00                        |
| PI 321   | 1.7                         |
| PI 085   | 1.6                         |
| PI 086   | 1.25                        |
| PI 087   | 1.00                        |
| PI 088   | 0.80                        |
| PI 089   | 0.63                        |
| PI 090   | 0.50                        |
| PI 091   | 0.40                        |
| PI 146   | 0.315                       |
| PI 092   | 0.25                        |
| PI 093   | 0.20                        |
| PI 094   | 0.16                        |
| PI 095   | 0.125                       |
| PI 096   | 0.100                       |
| PI 097   | 0.080                       |
| PI 098   | 0.063                       |
| PI 099   | 0.050                       |
| PI 100   | 0.040                       |
| *PI 435  | 0.025                       |
| *PI 384  | 0.020                       |
| PI 066   | Receiver                    |
| PI 067   | Cover                       |
| PI 351   | Receiver for wet processing |
| PI 350   | Cover for wet processing    |

### Sieves of stainless steel of 8" x 2" (Ø 203 x 50 mm)

| Standard ASTM E323:<br>Perforated plates sieves (AISI 304) |        |
|--|--------|
| Code   | Mesh   |
| PI 150   | 5"     |
| PI 151   | 4,24"  |
| PI 152   | 4"     |
| PI 153   | 3 1/2" |
| PI 154   | 3"     |
| PI 155   | 2 1/2" |
| PI 156   | 2.12 " |
| PI 157   | 2"     |
| PI 158   | 1 3/4" |
| PI 159   | 1 1/2" |
| PI 160   | 1 1/4" |
| PI 161   | 1.06"  |
| PI 162   | 1"     |
| PI 163   | 7/8"   |
| PI 164   | 3/4"   |
| PI 165   | 5/8"   |
| PI 166   | 0.53"  |
| PI 167   | 1/2"   |
| PI 168   | 7/16"  |

| Standard ASTM E11:<br>Mesh sieves (AISI 316) |        |
|--|--------|
| Code   | Mesh   |
| PI 169                                       | 3/8"   |
| PI 170                                       | 5/16"  |
| PI 171                                       | 0.265" |
| PI 172                                       | 1/4"   |
| PI 173                                       | 3 1/2" |
| PI 174                                       | No. 4  |
| PI 175                                       | No. 5  |
| PI 176                                       | No. 6  |

| Standard ASTM E11:<br>Mesh sieves (AISI 316) |                            |
|--|----------------------------|
| Code   | Mesh                       |
| PI 177                                       | No. 7                      |
| PI 178                                       | No. 8                      |
| PI 179                                       | No. 10                     |
| PI 180                                       | No. 12                     |
| PI 182                                       | No.16                      |
| PI 181                                       | No. 14                     |
| PI 183                                       | No.18                      |
| PI 184                                       | No. 20                     |
| PI 185                                       | No.25                      |
| PI 186                                       | No. 30                     |
| PI 187                                       | No. 35                     |
| PI 188                                       | No. 40                     |
| PI 189                                       | No. 45                     |
| PI 190                                       | No. 50                     |
| PI 191                                       | No. 60                     |
| PI 192                                       | No.70                      |
| PI 193                                       | No.80                      |
| PI 194                                       | No.100                     |
| PI 195                                       | No.120                     |
| PI 196                                       | No.140                     |
| PI 197                                       | No.170                     |
| PI 198                                       | No.200                     |
| PI 199                                       | No.230                     |
| PI 200                                       | No. 270                    |
| PI 201                                       | No.325                     |
| *PI 250                                      | No.400                     |
| PI 202                                       | Cover                      |
| PI 203                                       | Receiver                   |
| PI 221                                       | Cover for wet processing   |
| PI 235                                       | Reciver for wet processing |

\*Sieve shaker air yet.



**Álvarez Redondo S.A.**  
Edition: January 2019.  
Subject to modifications.

[info@ortoalresa.com](mailto:info@ortoalresa.com)  
[www.ortoalresa.com](http://www.ortoalresa.com)  
+34 91 884 40 16

**Made in Spain (UE)**