



# orto alresa

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## SIEVE SHAKER & SIEVES

The analytic sieve shaker OASS203 is designed to obtain reproducible results in accordance with the standard ISO 9001 for measurement and control equipment. It is an essential device for research laboratories and for quality assessment in any type of industries for 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.

Our sieve shakers comply with the UNE-EN 932-5 standard regarding tests to determine the general properties of aggregates.

### Features

- LCD Screen.
- Capacity up to 6 kg of sample.
- Three-dimensional movement, vibrating sieve shaker.
- Maximum movement amplitude 3 mm.
- It allows wet and dry sieving.
- It is controlled by a microprocessor.
- Max. capacity: 8 sieves of 50 mm of high or 15 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 on the market.
- Metal cover. It is tough and stable.
- Electric protection with ground connection 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 at pag. 94 of the general catalogue.
- Max. capacity: 8 sieves of 50 mm of high or 15 of 25 mm of high.
- Range of particle sizes which can be analyzed: from 40  $\mu$  to 125 mm .
- The calibration certificate is available.

EU Directives: 2014/30/UE, 2014/35/UE, 2011/65/UE, 2012/19/UE.  
Standards: EN 61010-1, EN 61326-1.

### Versions

	Dimensions (mm) (w x d x h)*	Net Weight (Kg)	Voltage (V)	Frequency (Hz)	Consumption (W)
TA 005	270   380   270	19	220-240	50-60	120
TA 006	270   380   270	19	110-120	50-60	120

\*Sieve shaker height with maximum sieves capacity: 750 mm



## 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 at telf. +34 91 884 40 16 or at [info@ortoalresa.com](mailto: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: Perforated plates sieves (AISI 304)		Standard ISO 3310-1: Mesh sieves (AISI 316)	
Code	Mesh (mm)	Code	Mesh (mm)
PI 065	125.00	PI 079	8.00
PI 069	100.00	PI 080	6.30
PI 070	80.00	PI 081	5.00
PI 071	63.00	PI 082	4.00
PI 072	50.00	PI 297	3.15
PI 073	40.00	PI 083	2.50
PI 074	25.00	PI 348	2.36
PI 075	20.00	PI 084	2.00
PI 076	16.00	PI 321	1.7
PI 077	12.50	PI 085	1.6
PI 078	10.00	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 for air jet sieve shakers.

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

Standard ASTM E323: Perforated plates sieves (AISI 304)		Standard ASTM E11: Mesh sieves (AISI 316)	
Code	Mesh	Code	Mesh
PI 150	5"	PI 177	No. 7
PI 151	4,24"	PI 178	No. 8
PI 152	4"	PI 179	No. 10
PI 153	3 1/2"	PI 180	No. 12
PI 154	3"	PI 182	No. 16
PI 155	2 1/2"	PI 181	No. 14
PI 156	2.12"	PI 183	No. 18
PI 157	2"	PI 184	No. 20
PI 158	1 3/4"	PI 185	No. 25
PI 159	1 1/2"	PI 186	No. 30
PI 160	1 1/4"	PI 187	No. 35
PI 161	1.06"	PI 188	No. 40
PI 162	1"	PI 189	No. 45
PI 163	7/8"	PI 190	No. 50
PI 164	3/4"	PI 191	No. 60
PI 165	5/8"	PI 192	No. 70
PI 166	0.53"	PI 193	No. 80
PI 167	1/2"	PI 194	No. 100
PI 168	7/16"	PI 195	No. 120
		PI 196	No. 140
Standard ASTM E11: Mesh sieves (AISI 316)		PI 197	No. 170
Code	Mesh	PI 198	No. 200
PI 169	3/8"	PI 199	No. 230
PI 170	5/16"	PI 200	No. 270
PI 171	0.265"	PI 201	No. 325
		*PI 250	No. 400
PI 172	1/4"	PI 202	Cover
PI 173	3 1/2"	PI 203	Receiver
PI 174	No. 4	PI 221	Cover for wet processing
PI 175	No. 5	PI 235	Receiver for wet processing
PI 176	No. 6		



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About centrifugation

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