

The image features a close-up of a laboratory sieve shaker in the foreground, with a control panel displaying various settings. In the background, there are several cylindrical sieves stacked vertically. The overall scene is set in a laboratory environment with a clean, professional aesthetic. The text 'orto alresa' is prominently displayed in the upper right corner, with the tagline 'About centrifugation' below it. The bottom of the image contains a dark banner with the text 'Other laboratory products | SIEVE SHAKER & SIEVES'.

orto
alresa
About centrifugation

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 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 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 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 16 of 25 mm of high.
- Range of particle sizes which can be analyzed: from 40 μ 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@ortolaresa.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 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 ½"	PI 180	No. 12
PI 154	3"	PI 182	No.16
PI 155	2 ½"	PI 181	No. 14
PI 156	2.12 "	PI 183	No.18
PI 157	2"	PI 184	No. 20
PI 158	1 ¾"	PI 185	No.25
PI 159	1 ½"	PI 186	No. 30
PI 160	1 ¼"	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	¾"	PI 191	No. 60
PI 165	5/8"	PI 192	No.70
PI 166	0.53"	PI 193	No.80
PI 167	½"	PI 194	No.100
PI 168	7/16"	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	Receiver for wet processing

Standard ASTM E11: Mesh sieves (AISI 316)

Code	Mesh
PI 169	3/8"
PI 170	5/16"
PI 171	0.265"
PI 172	¼"
PI 173	3 ½"
PI 174	No. 4
PI 175	No. 5
PI 176	No. 6

*Sieves for air jet sieve shakers.





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