



SAULAS

LABORATORY SIEVES



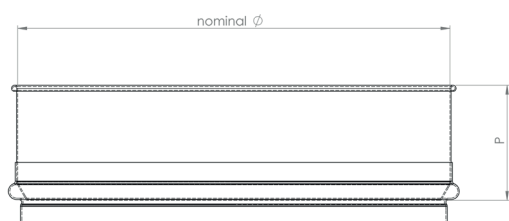
SAULAS laboratory sieves are measuring instruments used for granulometric analysis and impurity measure by sieving, and have been renowned for their qualities for more than 80 years, meeting all applicable standard requirements: NF ISO 3310-1:2019 or NF ISO 3310-2:2019, NF EN ISO 5223:2016, EN 933-3, ASTM E11, ASTM E323...

Our dimensional laboratory has received COFRAC accreditation for the inspection of new and used control sieves. COFRAC accreditation No. 2.6242 (accreditation scope at www.cofrac.fr) covers inspection activities relating to standards NF ISO 3310-1:2019 or NF ISO 3310-2:2019, NF EN ISO 5223:2016.

Our standard range covers all diameters (45 to 450 mm) used worldwide. We offer custom manufacturing to adapt the product to your business.

SIZE

ØStandard



ØLS



Air-jet sieve - Sieve 200 LS Ø

ØLSN



Air-jet sieve - Sieve 203 LSN Ø

Nominal Ø (mm)	Depth (mm)*			
	Low	Standard	High	Very High
Ø 45		25	**	**
Ø 75		30	**	**
Ø 100		30	**	65
Ø 150		35	**	**
Ø 200	25	50	75	150
Ø 200 Cereals		50	**	**
Ø 200 LS		25		
Ø 203 LSN (8")		25		
Ø 203 (8")	25	55	**	**
Ø 250		60	**	**
Ø 300	40	75		
Ø 305 (12")	40	75		
Ø 315	55	85	**	**
Ø 390 type 400		75	**	**
Ø 450		95	**	**

**On request

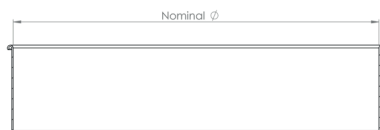
* The depth may vary by a few millimeters with respect to the nominal value, between the top of the sieve and the woven wire mesh perforated metal sheet.

SAULAS bottoms and lids are compatible with ISO 3310 and 5223-compliant laboratory sieves. With their stainless steel material and sturdy design, they offer optimum lifespan and are suitable for intensives uses. They can be adapted on request for wet sieving with a drainage spout.



Stainless steel lid

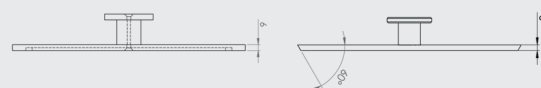
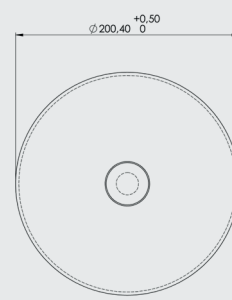
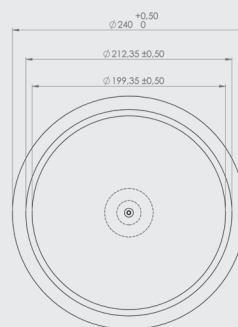
Stainless steel bottom



Nominal diameter (Ø)	Lid	Bottom
	Interlocking depth (P)	Depth (P)
75mm	~9mm	~30mm
150mm	~16mm	~45mm
200mm	~7mm	~50mm
203mm	~11mm	~55mm
250mm	~18mm	~55mm
300mm	~17mm	~75mm
305mm	~17mm	~75mm
315mm	~17mm	~75mm
390mm type 400	~14mm	~75mm
450mm	~22mm	~75mm

Sieve lid LS
(polycarbonate)

Sieve lid LSN
(PMMA)



Polycarbonate lids are designed for air-jet, LS or LSN sieves.

SIEVING

SCREENING

EXTRUSION - FILTRATION

GRANULATION

FILTRATION

SPECIFIC PRODUCTS



Stainless steel woven wire mesh		
ISO 3310-1 w (µm)	ASTM E11 Alternative	Tyler® (mesh)
20	No. 635	635
25	No. 500	500
32	No. 450	450
36		
38	No. 400	400
40		
45	No. 325	325
50		
53	No. 270	270
56		
63	No. 230	250
71		
75	No. 200	200
80		
90	No. 170	170
100		
106	No. 140	150
112		
125	No. 120	115
140		
150	No. 100	100
160		
180	No. 80	80
200		
212	No. 70	65
224		
250	No. 60	60
280		
300	No. 50	48
315		
355	No. 45	42
400		
425	No. 40	35
450		
500	No. 35	32
560		
600	No. 30	28
630		
710	No. 25	24
800		
850	No. 20	20
900		
w (mm)		
1	No. 18	16
1,12		
1,18	No. 16	14
1,25		
1,4	No. 14	12
1,6		
1,7	No. 12	10
1,8		
2	No. 10	9
2,24		
2,36	No. 8	8
2,5		
2,8	No. 7	7
3,15		
3,35	No. 6	6
3,55		

Stainless steel frame

Reinforced option available for wet washing sieves
(with supporting mat)



On request, SAULAS can also manufacture laboratory sieves:

- With ISO9044 standard-compliant industrial meshes with measurement certificates,
- Made of 316L stainless steel with certificate (material, food-compliance...),
- With specific alloy meshes (synthetic, brass...).

Stainless steel crimped wire mesh		
ISO 3310-1 w (mm)	ASTM E11 Alternative	Tyler® (mesh)
4	5	5
4,5		
4,75	No. 4	4
5		
5,6	No. 3½	3½
6,3	1/4 in.	
6,7	0,265 in.	3
7,1		
8	5/16 in.	2½
9		
9,5	3/8 in.	0,371 in.
10		
11,2	7/16 in.	0,441 in.
12,5		
13,2	0,530 in.	0,525 in.
14		
16	5/8 in.	0,624 in.
18		
19	3/4 in.	0,742 in.
20		
22,4	7/8 in.	0,883 in.
25	1 in.	
26,5	1,06 in.	1,05 in.
28		
31,5	1¼ in.	
35,5		
37,5	1½ in.	
40		
45	1¾ in.	
50	2 in.	
56		
63	2½ in.	
71		
75	3 in.	
80		
90	3½ in.	
100	4 in.	
106	4,24 in.	
112		
125	5 in.	

Stainless steel frame

Cereal / ISO 5223	
Oblong holes	Products
1,00mm x 20mm	Wheat, Barley, Rye
1,50mm x 20mm	Rice
1,60mm x 20mm	Rice
1,70mm x 20mm	Rye, Soft wheat
1,80mm x 20mm	Rye, Oat
1,90mm x 20mm	Durum wheat, Triticale
2mm x 20mm	Soft wheat
2,20mm x 20mm	Barley, Forage
2,25mm x 20mm	Barley, Forage
2,50mm x 20mm	Barley, Malting
2,80mm x 20mm	Barley, Malting
3,50mm x 20mm	Wheat, Barley, Rye
3,55mm x 20mm	Wheat, Barley, Rye
Ø 1,40mm	Rice fragments
Ø 1,80mm	Sorghum, Flaxseed
Ø 4,50mm	Broken maize

Stainless steel frame

Stainless steel perforated sheet		
	ISO 3310-2	ASTM E323
w (mm)	• ■	• ■
1	•	•
1,12	•	
1,18	•	•
1,25	•	
1,4	•	•
1,6	•	
1,7	•	•
1,8	•	
2	•	•
2,24	•	
2,36	•	•
2,5	•	
2,8	•	•
3,15	•	
3,35	•	• ■
3,55	•	
4	• ■	• ■
4,5	• ■	
4,75	• ■	• ■
5	• ■	
5,6	• ■	• ■
6,3	• ■	• ■
6,7	• ■	• ■
7,1	• ■	
8	• ■	• ■
9	• ■	
9,5	• ■	• ■
10	• ■	
11,2	• ■	• ■
12,5	• ■	• ■
13,2	• ■	• ■
14	• ■	
16	• ■	• ■
18	• ■	
19	• ■	• ■
20	• ■	
22,4	• ■	• ■
25	• ■	• ■
26,5	• ■	• ■
28	• ■	
31,5	• ■	• ■
35,5	• ■	
37,5	• ■	• ■
40	• ■	
45	• ■	• ■
50	• ■	• ■
53	• ■	• ■
56	• ■	
63	• ■	• ■
71	• ■	
75	• ■	• ■
80	• ■	
90	• ■	• ■
100	• ■	• ■
106	• ■	• ■
112	• ■	
125	• ■	• ■

- Round holes
- Square holes

Stainless steel frame

Every SAULAS sieve is supplied with its inspection certificate.

SAULAS controls and certifies sieves in accordance with the various applicable standards:

- NF ISO 3310-1:2019 for sieves with wire mesh,
- NF ISO 3310-2:2019 for perforated metal sheet sieves with round or square holes,
- NF EN ISO 5223:2016 for cereal control sieves with oblong or round holes,
- NF EN 933-3 for sieves with slotted apertures, used to control the coefficient of uniformity.

Our dimensional laboratory is equipped with the latest optical measuring technologies. Every sieve manufactured is inspected. A unique inspection certificate is edited with all the information required, in order to provide evidence of compliance.

Our dimensional laboratory has received COFRAC accreditation for new and used control sieves, with COFRAC accreditation No. 2.6242 (accreditation scope at www.cofrac.fr) covering calibration activities relating to standards NF ISO 3310-1:2019 or NF ISO 3310-2:2019, NF EN ISO 5223:2016. As measuring instruments, laboratory sieves must be inspected periodically.

Saulas can carry out periodic inspections on sieves used of all brands.



SAULAS & Cie - contact@saulas.fr - www.saulas.fr
2 rue de Cosdon - 10160 PAISY-COSDON - France
Tél. 33 (0)3 25 46 71 51 - Fax 33 (0)3 25 46 74 87

Inspection Certificate in accordance with ISO 3310-1 NF ISO 3310-1 July 2019

Inspection certificate Number : BP204249 2525029

Reception Date : 18-juin-25
Measuring date : 25-juin-25

SIEVE INSPECTED

Item : Control sieve with wiremesh
Diameter : 75 mm
Destination : SAULAS & Cie
2 RUE DE COSDON
10160 PAISY-COSDON
FRANCE

Identification Number : 2525029
Aperture : 125 microns
Traceability : 16336 N°3-2
Order Number : SAULAS's Order :

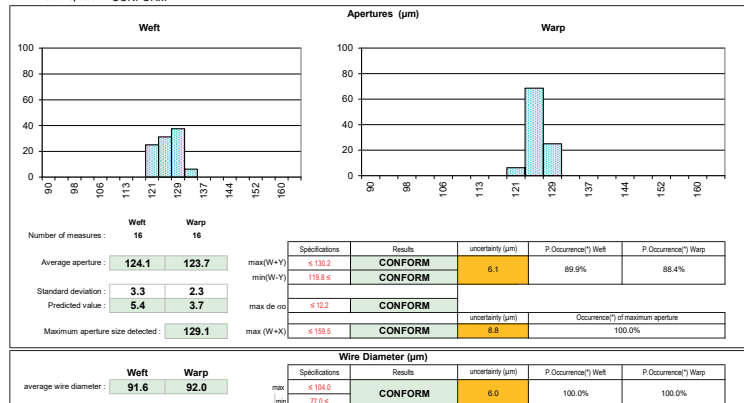
Values inspected : Apertures and wire diameter

MEANS OF MESUREMENTS

Measuring Device
Measuring Method : optical
Measuring tool : CMC 635
Serial Number : SVC0354277
Smartscope resolution : 0.1 µm

Measuring Conditions
Place : SAULAS's laboratory
Temperature : 20.3 °C (source Ref : 15100016)
Standard : ISO 3310-1
Internal Process : MO 03

Visual inspection : CONFORM



In accordance with ISO 3310-1 Standard, this sieve is declared :

CONFORM

The extended uncertainties mentioned are those at twice the combined standard uncertainty, (conformity declared without taking measurement uncertainty into account, direct comparison to the nearest rounding to the standard specification).

The standard uncertainties have been calculated taking into account the various components of uncertainty, reference calibrators, calibration equipment, environmental conditions, contribution of the calibrated instrument, repeatability.

This verification certificate guarantees linking calibration results to the International System of Units, (SI).

The reproduction of this certificate is allowed only in the form of a complete photographic facsimile.

Cofrac is a signatory to the EA multilateral agreement (European co-operation for Accreditation) and to the ILAC (International Laboratory Accreditation Cooperation) to the recognition of equivalence of test or analysis reports.

The results refer to calibrated sieve only.

(*) Conformity is declared when the measured value is within the tolerance interval. The result of the calculation of the probability of occurrence of a correct decision

Operator : Nicolas Spote Metrology Manager : Jacques Lerenard

printing date : 15/09/2025



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Page 1/1

Example: Certificate supplied under Cofrac accreditation

Identification

SAULAS

www.saulas.fr
Tél : 03 25 46 71 51

63µm

Tamis inox 315mm x 85mm
ISO 3310-1 S/N : 2424001

The mandatory identification is done by laser, ensuring indelibility.

The mandatory informations are:

- Serial number, the same as the certificate,
- Reference standard,
- Material used for the metal medium and the frame,
- Name of manufacturer or distributor,
- Nominal dimension of openings.

Saulas also adds:

- Contact details,
- Nominal diameter and depth of sieve.



SLOTTED GRIDS

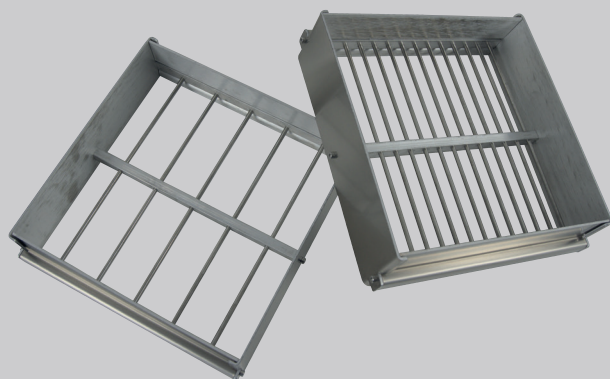
SAULAS slotted grids (or grid sieves) are measuring instruments used to measure the coefficient of uniformity of aggregates, and meet the requirements of standard NF EN 933-3: 2012.

With their sturdy design, which combines the resistance of stainless steel for the bars and the lightness of aluminium, our sieves with slotted apertures will bring you satisfaction for years to come.

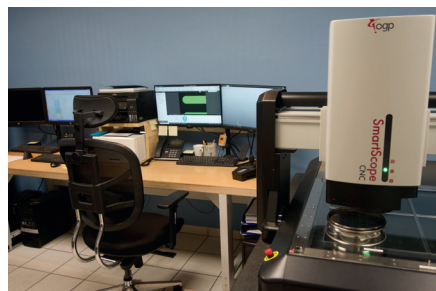
Every slotted grid comes with its NF EN 933-3 inspection certificate

Just like our laboratory sieves, identification is engraved by laser.

Saulas can carry out periodic inspections on used slotted grids of all brands.

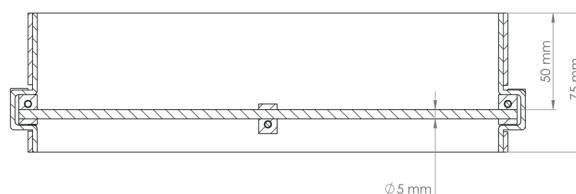
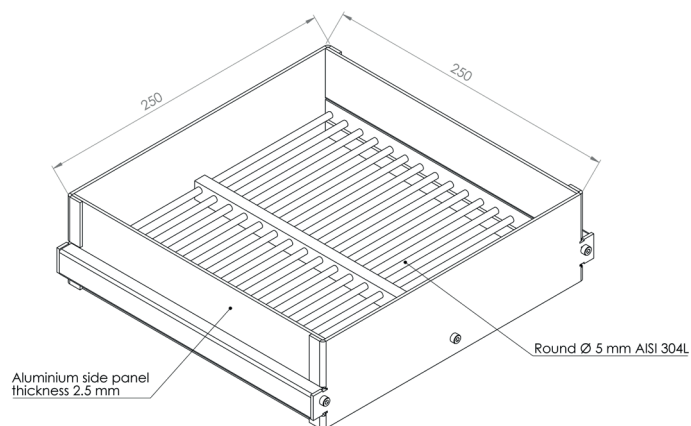
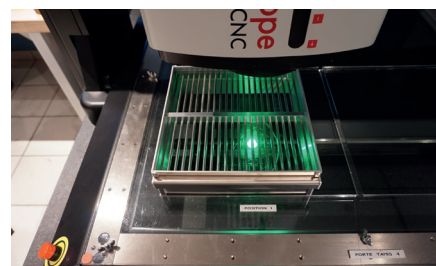


DIMENSIONS



Spacing of apertures - NF EN 933-3: 2012

Single-sized aggregate (mm)	Spacing of apertures
80/100	50 mm
63/80	40 mm
50/63	31,5 mm
40/50	25 mm
31,5/40	20 mm
23/31,5	16 mm
20/25	12,5mm
16/20	10 mm
12,5/16	8 mm
10/12,5	6,3 mm
8/10	5 mm
6,3/8	4 mm
5/6,3	3,15 mm
4/5	2,5 mm



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