scico 盛慶企業有限公司
SHENG-CING INSTRUMENTS CO.,LTD
高雄:(07)313-5388 台北:(02)2808-4030
E-mail: service@shengcing.com
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TEST SIEVES

TEST SIEVES WITH INOX MESH, NYLON MESH OR PERFORED PLATE

Filtra laboratory test sieves, are manufactured entirely from stainless steel of either woven wire mesh or perforated plate, round, square or slotted, fully compliant to national and international standards UNE, ISO, ASTM, AFNOR, BS, etc.

Labeling of the test sieves by individualized laser engraving, including the standard, serial number, diameter of the sieve and aperture mesh to provide full traceability.

D	uH	tH	W	V
60	22	30	60	5
60	75	85	120	15
75	33	40	85	25
75	65	75	100	40
100	25	35	100	50
100	54	64	150	75
125	23	34	165	85
150	34	43	200	100
150	50	60	250	120
200	25	46	450	70
200	50	70	500	140
200	100	120	800	250
200	200	220	1000	500
200BA	10	50	450	35
203	25	42	450	70
203	50	65	500	140
250	70	90	900	280
300	80	98	1250	560
305	50	70	1250	560
315	53	70	1300	560
350	80	100	1500	600
400	65	85	1700	600
400	100	115	2000	650
450	100	115	2200	750
500	100	115	3000	850
600	110	125	3600	1000

D = diameter (mm) uH= useful height (mm) tH = Total height
W = Theoretical Weight (g) V = volume recommended (with opening mesh of 1mm (cm^3))

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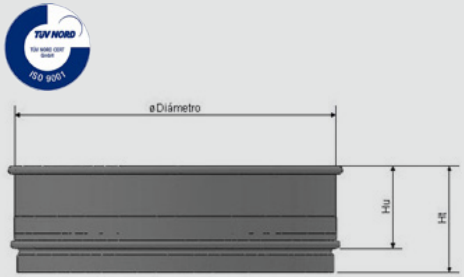
ADVANTAGES:

- The Filtra Vibración laboratory test sieves, are fully compatible with one another and with other standard sieves.
- Two pieces construction of stainless steel, to could change the mesh when get damaged, deteriorated, or out of standards.
- Unique mass production and quality control, accordance with UNE-EN ISO 9001:2008, ensuring a perfect control of all the components of the test sieve.
- Each test sieve issued a certificate of compliance in conformity with standard EN 10204 2.1.
- All our test sieves include a rubber gasket to ensure its tightness.
- Management system as per ISO 9001:2008 certified by TÜV NORD CERT for the production of laboratory sieves of wire mesh or perforated plate with diameters between 60 and 600mm. (CERT. NR. 44100131483)



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ENAC (Spanish National Accreditation Agency) Laboratory Test

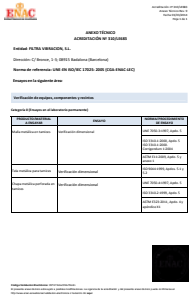
LABORATORY TEST

Set up the first ENAC accredited laboratory in Spain (Accreditation no. 310/LE683) for the carrying out sieve tests for metal mesh and perforated plates in accordance with the following standards:

MESH	PLATES
UNE 7050-3	UNE 7050-4
ISO 3310-1	ISO 3310-2
ASTM E11	ASTM E323
ISO 9044	

The laboratory technical personnel, using artificial vision equipment and following methods established by the UNE-EN ISO/IEC 17025:2005 regulation governing our quality systems, carry out necessary measurements and calculations in order to issue a trial report which, together with other results, determines whether the mesh or perforated plate of the examined sieve conforms to the reference regulation.

ENAC accreditation is recognized internationally through MLA (Multilateral Agreement) or MRA (Mutual Recognition Agreement).



ilac-MRA ENAC ENSAYOS Nº 310/LE683

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TEST SIEVES

METALLIC MESH

mm (milimeters)

UNE 7050-3 ISO 3310-1	ASTM E11	
W*	W*	Nº
125	125	5 in.
112		
106	106	4,24 in.
100	100	4 in.
90	90	31/2 in.
80		
75	75	3 in.
71		
63	63	21/2 in.
56		
53	53	2,12 in.
50	50	2 in.
45	45	13/4 in.
40		
37,5	37,5	11/2 in.
35,5		
31,5	31,5	11/4 in.
28		
26,5	26,5	1,06 in
25	25	1 in.
22,4	22,4	7/8 in.
20		
19	19	3/4 in.
18		
16	16	5/8 in.
14		
13,2	13,2	0,530 in.
12,5	12,5	½ in.
11,2	11,2	7/16 in.
10		
9,5	9,5	3/8 in.
9		

UNE 7050-3 ISO 3310-1	ASTM E11	
W*	W*	Nº
8	8	5/16 in.
7,1		
6,7	6,7	0.265 in.
6,3	6,3	¼ in.
5,6	5,6	31/2
5		
4,75	4,75	4
4,5		
4	4	5
3,55		
3,35	3,35	6
3,15		
2,8	2,8	7
2,5		
2,36	2,36	8
2,24		
2	2	10
1,8		
1,7	1,7	12
1,6		
1,4	1,4	14
1,25		
1,18	1,18	16
1,12		
1	1	18

(µm) Micrometers

UNE 7050-3 ISO 3310-1	ASTM E11	
W*	W*	Nº
900		
850	850	20
800		
710	710	25
630		
600	600	30
560		
500	500	35
450		
425	425	40
400		
355	355	45
315		
300	300	50
280		
250	250	60
224		
212	212	70
200		
180	180	80
160		
150	150	100
140		
125	125	120
112		
106	106	140
100		
90	90	170
80		
75	75	200
71		
63	63	230

UNE 7050-3 ISO 3310-1	ASTM E11	
W*	W*	Nº
56		
53	53	270
50		
45	45	325
40		
38	38	400
36		
32	32	450
25	25	500
20	20	635

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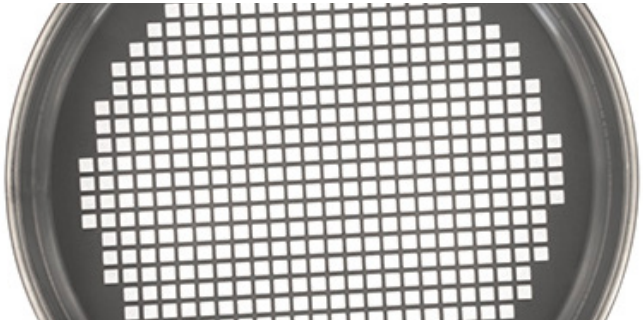

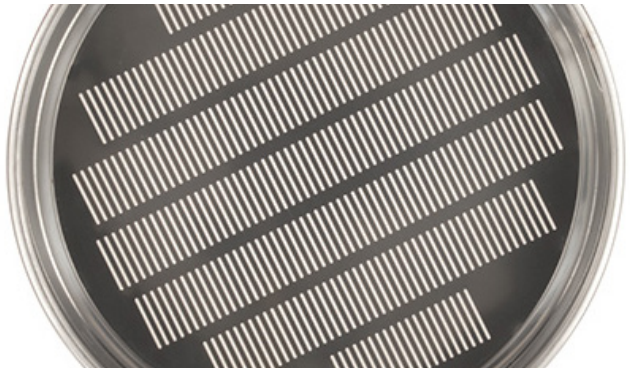

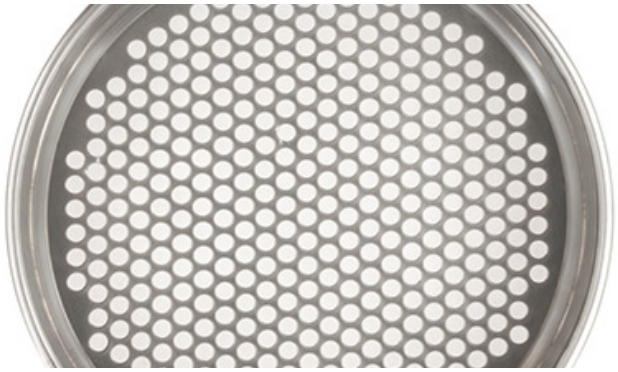

PERFORATED PLATE

mm (milimeters)

UNE 7050-4 ISO 3310-2	ASTM E323	
W*	W*	Nº
●■125	●■125	5 in.
●■112		
●■106	●■106	41/4 in.
●■100	●■100	4 in.
●■90	●■90	31/2 in.
●■80		
●■75	●■75	3 in.
●■71		
●■63	●■63	21/2 in.
●■56		
●■53	●■53	21/8 in
●■50	●■50	2 in.
●■45	●■45	13/4 in.
●■40		
●■37,5	●■37,5	11/2 in.
●■35,5		
●■31,5	●■31,5	11/4 in.
●■28		
●■26,5	●■26,5	11/16 in.
●■25	●■25	1 in.
●■22,4	●■22,4	7/8 in.
●■20		
●■19	●■19	3/4 in.
●■18		
●■16	●■16	5/8 in.
●■14		
●■13,2	●■13,2	17/32 in.
●■12,5	●■12,5	1/2 in.

UNE 7050-4 ISO 3310-2	ASTM E323	
W*	W*	Nº
●■11,2	●■11,2	7/16 in.
●■10		
●■9,5	●■9,5	3/8 in.
●■9		
●■8	●■8	5/16 in.
●■7,1		
●■6,7	●■6,7	17/64 in.
●■6,3	●■6,3	1/4 in.
●■5,6	●■5,6	7/32 in.
●■5		
●■4,75	●■4,75	3/16 in.
●■4,5		
●■4	●■4	5/32 in.
●3,55		
●3,35	●3,35	1/8 in.
●3,15		
●2,8	●2,8	7/64 in.
●2,5		
●2,36	●2,36	3/62 in.
●2,24		
●2	●2	0,078 in.
●1,8		
●1,7	●1,7	0.066 in.
●1,6		
●1,4	●1,4	0,055 in.
●1,25		
●1,18	●1,18	0,045 in.
●1,12		
●1	●1	0,039 in.

ISO 5223
Slotted perforated Size
1mm x 20mm
1,5mm x 20mm
1,6mm x 20mm
1,7mm x 20mm
1,8mm x 20mm
1,9mm x 20mm
2mm x 20mm
2,2mm x 20mm
2,25mm x 20mm
2,5mm x 20mm
2,8mm x 20mm
3,5mm x 20mm
3,55mm x 20mm

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SIEVES Accessories

LABORATORY SIEVES

Sieve with stainless steel frame and mesh.

Stainless steel sieve with square-holed perforated plate.

Stainless steel sieve with round perforated plate.

Stainless steel sieve with oval perforated plate (for cereals, ISO 5223).

Special test sieves: conical, double height, half height, etc.

Stainless steel lids and receivers in all sizes.

Stainless steel sieve with handles.

1. Cleaning brushes for sieves.
2. Food balls used to open the mesh of sieve.