The widest range of test sieves available

Made to every National and International Standard

Woven Wire Mesh Sieves

Endecotts woven wire mesh sieves are the most widely used test sieves for all types of laboratory sampling and particle size analysis. They are made with only the highest quality materials and are available in diameter sizes of 38,100, 150, 200, 250, 300, 315, 350 400, and 450 mm or in 3, 8, 12 or 18 inches.

They can be supplied with aperture sizes ranging from 125 mm down to 20 microns in full or half height versions. Woven wire mesh sieves are available in frame materials of either brass or stainless steel.

Perforated Plate Sieves

Endecotts manufacture a wide range of perforated plate sieves for the many industries that require them. These are available in diameter sizes of 200, 300, 315, 350, 400 and 450 mm.
Aperture sizes range from 125 mm to 4 mm in square hole and 125 mm to 1 mm in round hole.
Perforated plate sieves can be supplied in frame materials of brass or stainless steel and all are manufactured to the highest engineering standards to ensure quality and accuracy.

Woven wire sieves and perforated plate sieves are available to every national and international standard. Other materials and sizes can be produced to order.

Microplate Sieves

For very fine particle analysis Endecotts produce a range of microplate sieves made from electro-formerd nickel plate in stainless steel frames of 100 mm or 200 mm diameter. Available with unique self clearing apertures sizes from 75 to 5 microns. Microplate sieves are supplied with either round or square holes.

Other aperture sizes, sieve diameters and sieve depths can be supplied as required. It is recommended that microplate sieves are used in conjunction with a liquid medium to assist the passage of extremely fine particles through the apertures. In certain cases where this is not possible it is often found that a compatible shaker can speed up the analysis, while maintaining a high degree of accuracy.

Endecotts standard lids & receivers can be used with the Microplate sieves

MICROPLATE SIEVES		
Aperture Size	Aperture type	Sieve Height
75 µm	Round or Square Hole	Full or Half Height
60 µm	Round or Square Hole	Full or Half Height
50 µm	Round or Square Hole	Full or Half Height
40 µm	Round or Square Hole	Full or Half Height
30 µm	Round or Square Hole	Full or Half Height
25 µm	Round or Square Hole	Full or Half Height
20 µm	Round or Square Hole	Full or Half Height
15 µm	Round or Square Hole	Full or Half Height
5 µm	Round or Square Hole	Full or Half Height

SPECIALS

Half Height Sieves

Where smaller quantities of sample are being analysed half height sieves are often used. These are available in diameters of 100, 200 or 300 mm and 3, 8 or 12 inches with the complete range of woven wire mesh or perforated plate sieving media. Other height options also available.

Airjet Sieves

These sieves are specifically designed for use with air jet systems. They are available in 200 mm diameter brass or stainless steel frames and an extensive range of aperture sizes. Supplied to meet the needs of your equipment. New generation Airjet sieves are available on request.

Specifications

A table of the most widely used specifications

Endecotts Standard Woven Wire Mesh & Perforated Plate Sieves are available in all the sizes and materials specified in these tables

International Test Sieve Series ISO 3310:2000 / British Standard Sieve Series BS. 410:2000

Wire Mesh Series

ISO 3310-1:2000
BS410-1:2000

Nominal Aperture Sizes

mm	mm	µm
125.00	4.50	160
112.00	4.00	150
106.00	3.55	140
100.00	3.35	125
90.00	3.15	112
80.00	2.80	106
75.00	2.50	100
71.00	2.36	90
63.00	2.24	80
56.00	2.00	75
53.00	1.80	71
50.00	1.70	63
45.00	1.60	56
40.00	1.40	53
37.50	1.25	50
35.50	1.18	45
31.50	1.12	40
28.00	1.00	38
26.50	µm	36
25.00	900	32
22.40	850	25
20.00	800	20
19.00	710	
18.00	630	
16.00	600	
14.00	560	
13.20	500	
12.50	450	
11.20	425	
10.00	400	
9.50	355	
9.00	315	
8.00	300	
7.10	280	
6.70	250	
6.30	224	
5.60	212	
5.00	200	
4.75	180	

Perforated Plate Series

ISO 3310-2:1999
BS410-2:2000

Nominal Aperture Sizes

Round & Square Holes mm	Round Hole Only mm
125.00	20.00	3.55
112.00	19.00	3.35
106.00	18.00	3.15
100.00	16.00	2.80
90.00	14.00	2.50
80.00	13.20	2.36
75.00	12.50	2.24
71.00	11.20	2.00
63.00	10.00	1.80
56.00	9.50	1.70
53.00	9.00	1.60
50.00	8.00	1.40
45.00	7.10	1.25
40.00	6.70	1.18
37.50	6.30	1.12
35.50	5.60	1.00
31.50	5.00	
28.00	4.75	
26.50	4.50	
25.00	4.00	
22.40		

Sieve Diameters and Frame Materials

Diameter	Height	Depth to Mesh or Plate	Frame Material
mm		mm	
38.00	Full	19.00	Br or SS
100.00	Full	40.00	Br or SS
100.00	Half	20.00	Br or SS
150.00	Full	38.00	SS
200.00	Full	50.00	Br or SS
200.00	Half	25.00	Br or SS
250.00	Full	60.00	SS
300.00	Full	75.00	Br or SS
300.00	Half	40.00	Br or SS
315.00	Full	75.00	SS
350.00	Full	60.00	SS
400.00	Full	65.00	SS
450.00	Full	100.00	SS

American Standard Sieve Series ASTM E11:95

Wire Mesh Series

Designation			
Standard	Alternative	Standard	Alternative
mm	inch or No.	µm	inch or No.
125.00	5.00	850	No. 20
106.00	4.24	710	No. 25
100.00	4	600	No. 30
90.00	3½	500	No. 35
75.00	3	425	No. 40
63.00	2½	355	No. 45
53.00	2.12	300	No. 50
50.00	2	250	No. 60
45.00	1¾	212	No. 70
37.50	1½	180	No. 80
31.50	1¼	150	No. 100
26.50	1.06	125	No. 120
25.00	1	106	No. 140
22.40	⅞	90	No. 170
19.00	¾	75	No. 200
16.00	⅝	63	No. 230
13.20	0.530	53	No. 270
12.50	½	45	No. 325
11.20	7/16	38	No. 400
9.50	⅜	32	No. 450
8.00	5/16	25	No. 500
6.70	0.265	20	No. 635
6.30	¼		
5.60	No. 3½		
4.75	No. 4		
4.00	No. 5		
3.35	No. 6		
2.80	No. 7		
2.36	No. 8		
2.00	No. 10		
1.70	No. 12		
1.40	No. 14		
1.18	No. 16		
1.00	No. 18		

Sieve Diameters and Frame Materials

Diameter	Height	Depth to Mesh or Plate	Frame Material
3 in	Full	1¼ in	Br or SS
8 in	Full	2 in	Br or SS
8 in	Half	1 in	Br or SS
12 in	Full	3 in	Br or SS
12 in	Half	1 in	Br or SS
18 in	Full	3½ in	SS

Extra Depth Sieves

Extensively used by the construction and cement industries. These extra depth sieves are available with a diameter size of 450 mm and a depth of 300 mm. Made from steel with woven wire mesh or perforated plate sieving mediums.

Wet Washing Sieves

Extremely useful sieves where samples need to be separated with the help of wet washing. Available in 8 inch diameter by 4 or 8 inches deep or their metric equivalent with brass or stainless steel frames.
A complete range of aperture sizes with optional support medium for fine mesh.

Lids & Receivers

Lids, receiving pans and intermediate receiving pans are available in brass or stainless steel with the following diameters: 38, 100, 150, 200, 250, 300, 315, 400 and 450 mm as well as 3, 8, 12 or 18 inches. Half height receivers are also available.

Coffee Sieves

These sieves are specially designed for the coffee industry - and used for grading coffee beans. They are manufactured with brass or stainless steel frames of 8"/200 mm and fitted with round hole, stainless steel perforated plate.

A complete range is available in standard measurements. Other specs and designations are also available.

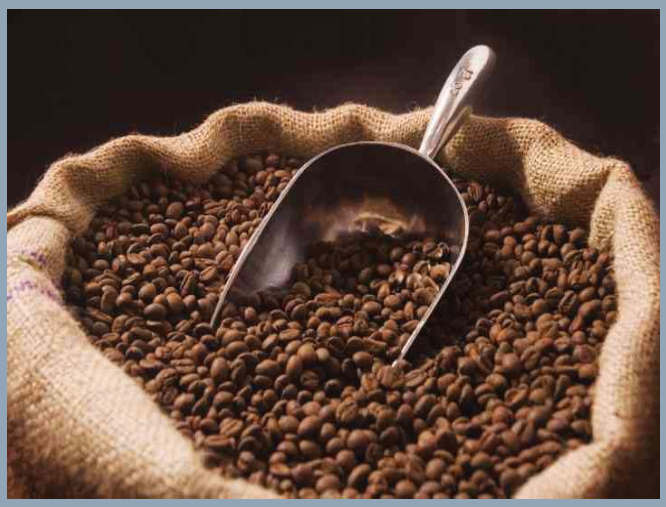
Diamond Sieves

Endecotts Diamond Sieves are high precision measuring instruments specially manufactured to meet the strict requirements of the diamond industry. They offer a rapid and extremely accurate method of sizing.

Fixed plate sieves are available in stainless steel bodies of 200 mm or 8" in full or half height. These can be nested for ease of use.

Produced from stainless steel.

Both fixed plate and interchangeable plate sieves are available in a range of aperture sizes.



Standard sieves in woven wire or round hole perforated plate are used to determine coffee bean size that affects the quality of coffee.

Diamonds are graded accordingly to size. Sieves are offered for industrial and precious diamond particle sizing applications

Grid Sieves

Used to determine the flakiness index of aggregates. Endecotts grid sieves are manufactured to fully conform to the requirements of EN 933-3:1997.
The 300 x 300 mm sieves are made entirely of stainless steel and are strong, durable and anti-corrosive. They can be supplied as a single item or as a set of 13 sieves complete with a receiving pan.

Grain Sieves

Endecotts Grain Sieves are specially manufactured to meet the requirements of ISO 5223.

They are used by Government Intervention Boards and similar organisations worldwide for testing grains and cereals. They are available in 200 mm diameter brass or stainless steel frames in full or half height depths with mild or stainless steel slotted plate. Slot sizes as table below.

Grid Sieves

Part No	Slot Width	Particle Size Fraction	Net Weight unpacked
Grid-40.00	40.0 mm	80 mm - 63 mm	1.7kg
Grid-31.50	31.5 mm	63 mm - 50 mm	1.8kg
Grid-25.00	25.0 mm	50 mm - 40 mm	1.9kg
Grid-20.00	20.0 mm	40.0 mm - 31.5 mm	2.0kg
Grid-16.00	16.0 mm	31.5 mm - 25.0 mm	2.1kg
Grid-12.50	12.5 mm	25 mm - 20 mm	2.2kg
Grid-10.00	10.0 mm	20 mm - 16 mm	2.3kg
Grid-8.00	8.0 mm	16.0 mm - 12.5 mm	2.5kg
Grid-6.30	6.3 mm	12.5 mm - 10.0 mm	2.6kg
Grid-5.00	5.0 mm	10 mm - 8 mm	2.8kg
Grid-4.00	4.0 mm	8.0 mm - 6.3 mm	2.9kg
Grid-3.15	3.15 mm	6.3 mm - 5.0 mm	3.1kg
Grid-2.50	2.5 mm	5 mm - 4 mm	3.2kg

Grain Sieves

Slot Size	Sieve Height	Plate Material
3.55 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
2.50 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
2.24 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
2.20 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
2.00 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
1.90 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
1.80 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
1.70 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
1.00 mm x 20.0 mm	Full or Half	Mild or Stainless Steel
Slot widths of 2.25 mm are available on request		