

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 (315, 350, 400 and 450 mm only available in 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. They 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.



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" with the complete range of woven wire mesh or perforated plate sieving media. Other height options also available.

Air Jet Sieves

These sieves are specifically designed for use with air jet systems. They are available in 200 mm or 8" diameter brass or stainless steel frames and an extensive range of aperture sizes. Supplied to meet the needs of your equipment. More on page 19.

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.



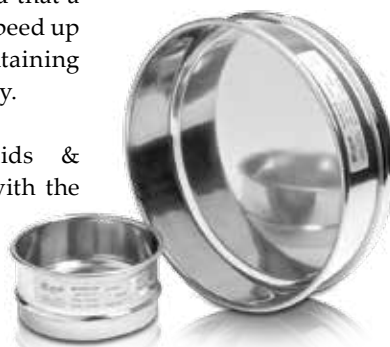


Microplate Sieves

For very fine particle analysis Endecotts produce a range of microplate sieves made from electro-formed 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



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.



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

International Test Sieve Series / British Standard Sieve Series



Woven Mesh Series

ISO 3310-1:2000 / BS410-1:2000

Nominal Aperture Sizes

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

Perforated Plate Series

ISO 3310-2:2013 / BS410-2:2000

Nominal Aperture Sizes Round & Square Holes

125.00 mm	71.00 mm	37.50 mm	20.00 mm	11.20 mm	6.30 mm
112.00 mm	63.00 mm	35.50 mm	19.00 mm	10.00 mm	5.60 mm
106.00 mm	56.00 mm	31.50 mm	18.00 mm	9.50 mm	5.00 mm
100.00 mm	53.00 mm	28.00 mm	16.00 mm	9.00 mm	4.75 mm
90.00 mm	50.00 mm	26.50 mm	14.00 mm	8.00 mm	4.50 mm
80.00 mm	45.00 mm	25.00 mm	13.20 mm	7.10 mm	4.00 mm
75.00 mm	40.00 mm	22.40 mm	12.50 mm	6.70 mm	

Nominal Aperture Sizes Round Hole Only

3.55 mm	2.80 mm	2.24 mm	1.70 mm	1.25 mm	1.00 mm
3.35 mm	2.50 mm	2.00 mm	1.60 mm	1.18 mm	
3.15 mm	2.36 mm	1.80 mm	1.40 mm	1.12 mm	

American Standard Sieve Series



Wire Mesh Series

ASTM E11:13

Designation

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

Sieve Diameters and Frame Materials

Diameter	Full Height	Half Height	Frame Material
3"	1 1/4"	1"	Stainless Steel / Brass
8"	2"	1"	Stainless Steel / Brass
12"	3"	1"	Stainless Steel / Brass
18"	3 1/2"	-	Stainless Steel
38 mm	19 mm	-	Stainless Steel
100 mm	40 mm	20 mm	Stainless Steel / Brass
150 mm	38 mm	-	Stainless Steel
200 mm	50 mm	25 mm	Stainless Steel / Brass
250 mm	60 mm	-	Stainless Steel
300 mm	75 mm	40 mm	Stainless Steel / Brass
315 mm	75 mm	-	Stainless Steel
350 mm	60 mm	-	Stainless Steel
400 mm	65 mm	-	Stainless Steel
450 mm	100 mm	-	Stainless Steel

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" or 200 mm and fitted with round hole, stainless steel perforated plate. A complete range is available in standard measurements. Other specifications 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 are produced from stainless steel and 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. Fixed plates are available in a range of aperture sizes.

Coffee Sieves				
64th inch	Classification	Central America and Mexico	Columbia	Africa and India
20/64	Very large	Superior	Supremo	AA
19.5/64	Very large	Superior	Supremo	AA
19/64	Very large	Superior	Supremo	AA
18.5/64	Large	Superior	Supremo	AA
18/64	Large	Superior	Supremo	A
17/64	Large	Superior	Excelso	A
16/64	Medium	Segundas	Excelso	B
15/64	Medium	Segundas	Excelso	B
14/64	Small	Terceras	Excelso	C
13/64	Shells	Caracol	Excelso	PB
12/64	Shells	Caracol	Excelso	PB
11/64	Shells	Caracolli	Excelso	PB
10/64	Shells	Caracolli	Excelso	PB
9/64	Shells	Caracolillo	Excelso	PB
8/64	Shells	Caracolillo	Excelso	PB

Diamond Sieves			
Plate Size	Aperture	Plate Size	Aperture
1	1.09	11	3.45
2	1.32	12	4.09
3	1.47	13	4.52
4	1.78	14	4.75
5	1.83	15	5.41
6	2.16	17	5.74
7	2.46	19	6.35
8	2.52	21	7.93
9	2.85	23	10.31
10	3.28		

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.

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

Slot Width	Particle Size Fraction
50.0 mm	100 mm - 80 mm
40.0 mm	80 mm - 63 mm
31.5 mm	63 mm - 50 mm
25.0 mm	50 mm - 40 mm
20.0 mm	40.0 mm - 31.5 mm
16.0 mm	31.5 mm - 25.0 mm
12.5 mm	25 mm - 20 mm
10.0 mm	20 mm - 16 mm
8.0 mm	16.0 mm - 12.5 mm
6.3 mm	12.5 mm - 10.0 mm
5.0 mm	10 mm - 8 mm
4.0 mm	8.0 mm - 6.3 mm
3.15 mm	6.3 mm - 5.0 mm
2.5 mm	5 mm - 4 mm

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