

Calibration Samples

What are calibration samples?

Endecotts calibration samples are microspheres formed of soda-lime glass that range from 3.35 mm down to 20 μm sizes. Thanks to the precise nature and extent of the range of spheres, samples can be supplied to enable the accurate calibration of individual sieves.

Being spherical the use of calibration samples gives extremely accurate results.

Endecotts glass calibration samples will enable you to calibrate your test sieves to an accuracy of approximately 1 μm .

The microspheres pass over virtually the total surface of the sieve more apertures are examined than with any other method, making it one of the most accurate methods of sieve calibration available.

Endecotts glass microspheres are calibrated by Whitehouse Scientific, who are recognised as one of the leading particle analysis laboratories by many European particle size analysis laboratories.

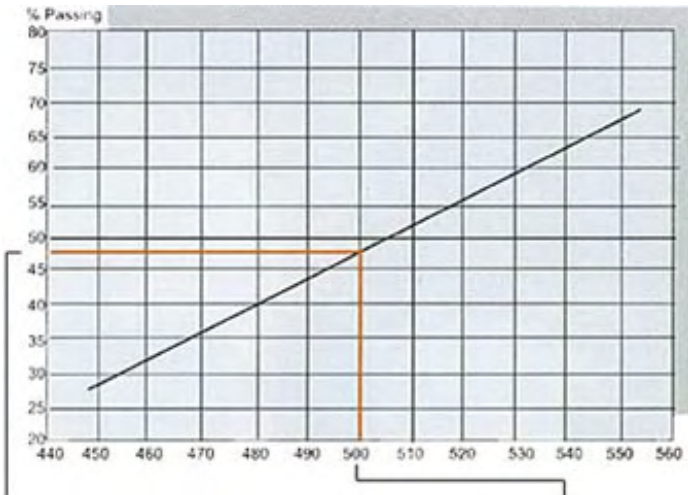
Accurately calibrate test sieves in a matter of minutes

It is as simple as 1,2,3

Select the calibration sample size that matches the aperture size of the sieve.

- 1 Place the 'Single Shot' sample on the sieve under test and shake for 2 minutes.
- 2 Weigh the sample again and calculate the percentage passing through the sieve.

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Traceable to the National Physical Laboratory

Simply read off the percentage passing along a graph like this supplied with every sample...

...and the mean aperture size in micrometres can be read off here against the graph.

Sample No.	For Sieve Aperture Size	Nominal Sample Quantity
ZSICSA-.020	20 µm	5 x 0.8 g
ZSICSA-.025	25 µm	5 x 0.8 g
ZSICSA-.032	32 µm	5 x 1 g
ZSICSA-.038	38 µm	5 x 1 g
ZSICSA-.045	45 µm	5 x 1 g
ZSICSA-.053	53 µm	5 x 1 g
ZSICSA-.063	63 µm	5 x 1 g
ZSICSA-.075	75 µm	5 x 1 g
ZSICSA-.090	90 µm	5 x 1 g
ZSICSA-.106	106 µm	5 x 1 g
ZSICSA-.125	125 µm	5 x 1 g
ZSICSA-.150	150 µm	5 x 1.5 g
ZSICSA-.180	180 µm	5 x 1.5 g
ZSICSA-.212	212 µm	5 x 1.5 g
ZSICSA-.250	250 µm	5 x 2.5 g
ZSICSA-.300	300 µm	5 x 2.5 g
ZSICSA-.355	355 µm	5 x 2.5 g
ZSICSA-.425	425 µm	5 x 2.5 g
ZSICSA-.500	500 µm	5 x 2.5 g
ZSICSA-.600	600 µm	5 x 2.5 g
ZSICSA-.710	710 µm	5 x 2.5 g
ZSICSA-.850	850 µm	5 x 3 g
ZSICSA-1.00	1 mm	3 x 7 g
ZSICSA-1.18	1.18 mm	3 x 10 g
ZSICSA-1.40	1.4 mm	3 x 15 g
ZSICSA-1.70	1.7 mm	3 x 15 g
ZSICSA-2.00	2 mm	2 x 20 g
ZSICSA-2.36	2.36 mm	2 x 20 g
ZSICSA-2.80	2.8 mm	2 x 25 g
ZSICSA-3.35	3.35 mm	2 x 25 g

Each sample batch is supplied with a Calibration Certificate.