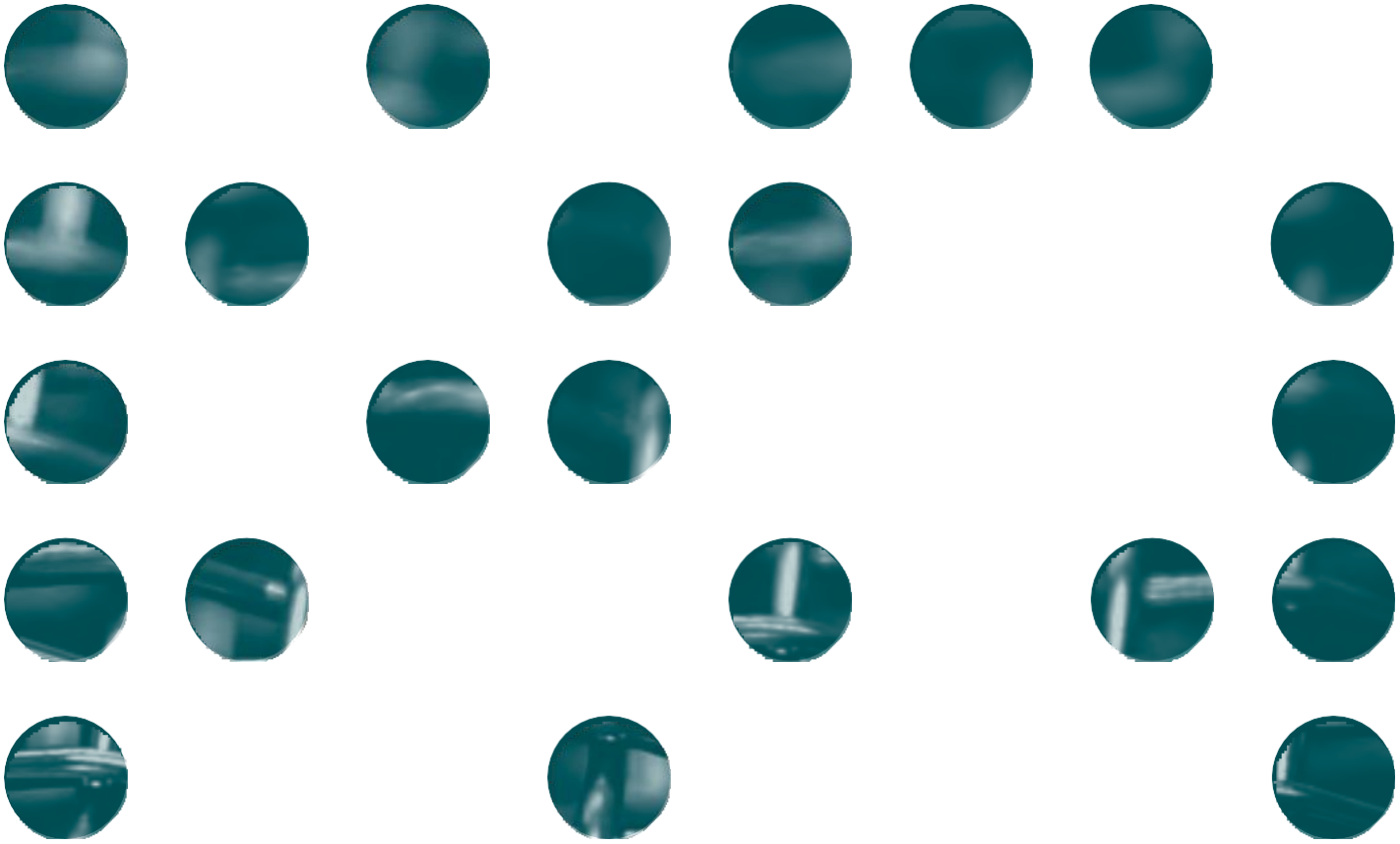
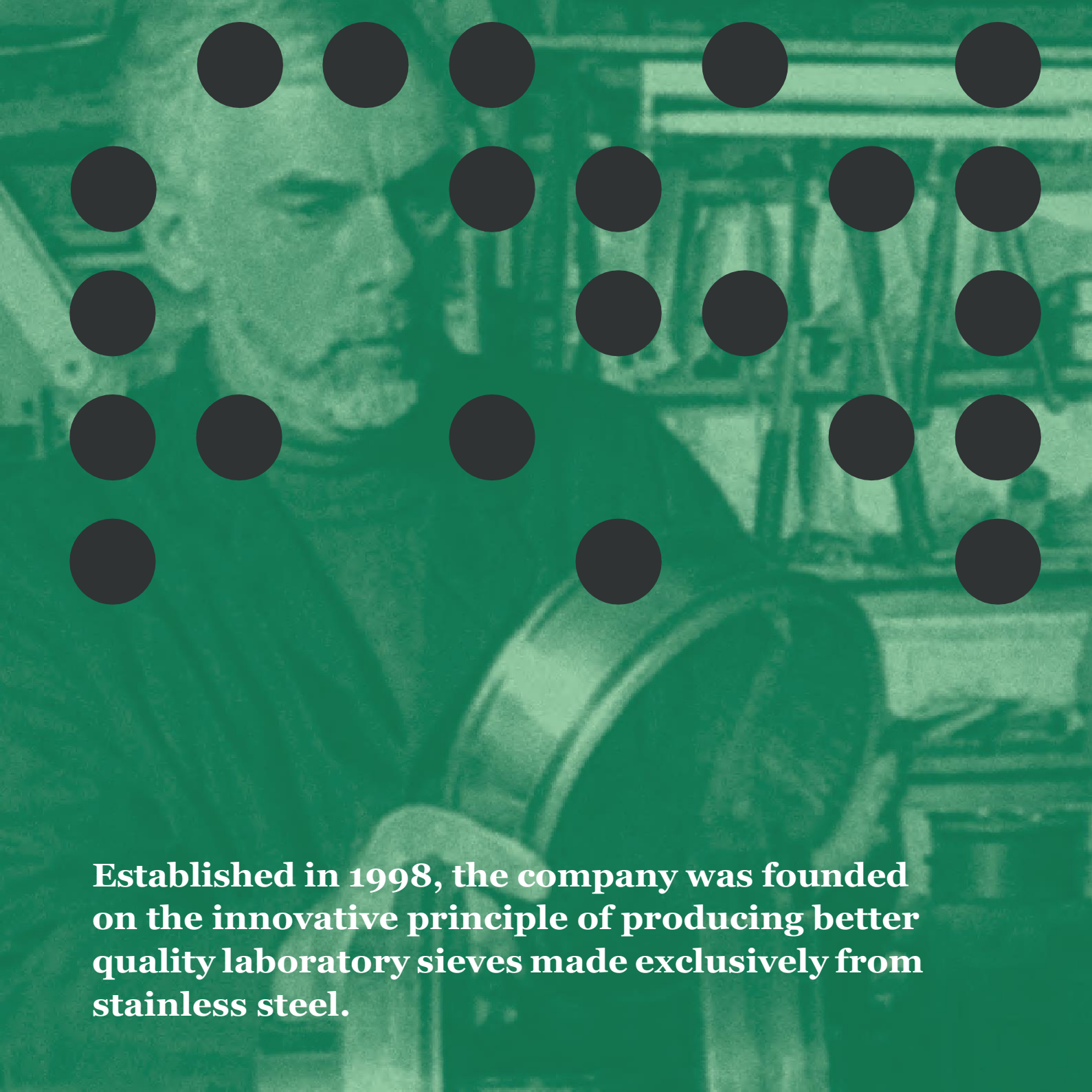


Laboratory Test
Sieve Manufacture



Established in 1998, the company was founded on the innovative principle of producing better quality laboratory sieves made exclusively from stainless steel.

Glenammer

Laboratory Test Sieves

Glenammer is the leading laboratory test sieves manufacturer in the UK. We are passionate about our products and committed to helping our customers throughout the world achieve the finest and most accurate samples.

Making sieves for

Chemicals Industry

Civil Engineering

Food & Drink Manufacturers

Laboratories

Pharmaceuticals Industry

Quarries

Wood Chipping

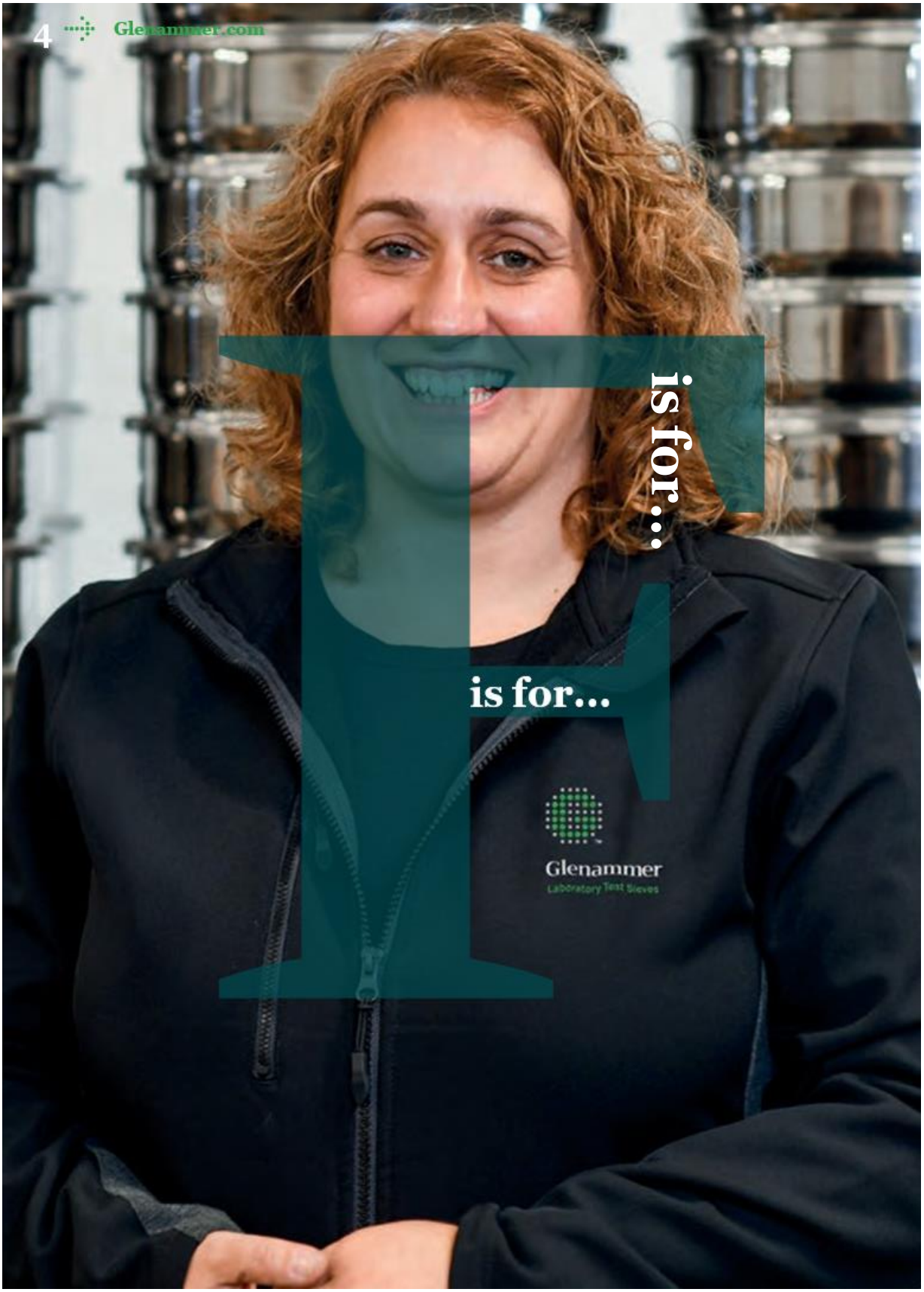
is for...

Quality. It's woven into the fabric of what we do.

All our products comply with ISO3310 European Standards, ASTM American Standards, and equivalent worldwide technical body standards.

Glenammer is the leading laboratory test sieves manufacturer in the UK, helping customers throughout the world achieve the finest and most accurate samples. We have a simple philosophy – to produce the highest quality of test sieves, backed up with excellent customer service. We are passionate about our products and strive for perfection.

This means we are constantly innovating. The design of our sieving equipment has undergone radical changes since we were established 20 years ago, and we now provide high-end products to a range of industries and laboratories worldwide, where particle analysis is key and the most exacting standards are required.


I is for...
is for...
Glenammer
Laboratory Test Sieves

Family. We've been a family business since 1998.

One of the secrets to Glenammer's success is a sense of inter-generational pride and a commitment to keeping the traditional values and work ethos at the core of the company, whilst striving for excellence and innovation in the products that it manufactures.

From a small workshop in Allen Matthews's home garage in Ayrshire, to a 7000 sq ft factory distributing products in over 70 countries worldwide, Glenammer has quickly become known as one of the leading laboratory test sieves manufacturers in the world, synonymous with product quality and sustainability. Allen's daughter, Claire Wallis, is now at the ship's helm and retains the focus on the company's key values of honesty, loyalty, customer satisfaction and perfection.


C
is for...

Care. Attention to detail is what wakes us up.

We are passionate about our products and adhere to the most exacting standards of quality control at every level of production.

All of our sieves are manufactured and assembled in our factory in Ayrshire by our experienced team who take great pride in ensuring the production of high quality products in the most efficient manner available to us. Values are very much a part of what we are, who we are, and what we stand for, and we believe that it is teamwork that helps us to achieve our goal of being one of the leading laboratory test sieves manufacturers.

Whatever the industry, from pharmaceuticals to food and drink to civil engineering, we listen to our customers and understand what it takes to help them achieve the finest and most accurate samples.

Glenammer Test Sieves –

Product Specifications

Gap Sealant

100 µm and below are sealed to ensure a smooth waterproof join between mesh and frame.

Safety Edge

No sharp edges to trap unwanted material or cause safety hazards.

Bespoke Branding

All our sieves can be manufactured with private labels for your business

Laser Label

3D laser labelling technology provides clear and long lasting identification and uses no rivets or bulky metal labels for ease of cleaning and maintenance.

Mesh

Highest quality stainless steel grade 316 fine mesh is evenly tensioned across the sieve and complies with ISO3310 and ASTM standards. Many of our sieves are also manufactured with a backing mesh to protect the fine screen.

Mesh styles available

Robust Frame

Highly polished stainless steel frame grade 304.

Certificate of Conformity

Our test sieves are carefully packaged along with a certificate of conformity / record card.

Serial Number

A unique serial number meaning each sieve has its own traceable number.


is for...

Global. We're a local company with a global reach.

We think big but act small - our aim is to serve customers all over the world and we always strive to think and act as a global player whilst retaining our core values and work ethos.

We are proud of our history and our dedicated and experienced team go to great lengths to make sure our customers are happy. Based in Scotland, we are recognised globally, distributing to customers across Europe, America, Asia, Australasia, Middle East and Africa.

We use the highest quality materials and the most advanced manufacturing process to produce products with precise test sieve apertures that are worthy of the laboratories and global players that we distribute to.

Woven Wire Sieves

Stainless steel woven wire.

Using the finest mesh to make the best quality sieves and manufactured to the most stringent engineering standards.

Perforated Sieves

Zinc plated mild steel plate. (Round or square hole available)

Laboratory test sieves with square and round holes, available in a full range of diameter and aperture sizes.

Coffee Bean Sieves

Round hole perforated plate sieves with sizes measured in 64th inches.

Used to grade coffee beans, these sieves are manufactured with a round hole stainless steel perforated plate with a stainless steel frame.

Grain Sieves

Stainless steel plates with 20mm oblong slots.

These are specifically designed in a 200mm diameter frame with a slotted stainless steel perforated plate. They are also manufactured with 20mm long slots with various widths.

Airjet Sieves

Half the height of standard sieves.

These sieves are a highly accurate and reliable particle size analyser, designed for determining the particle size distribution of dry powder.

Grid Sieves

Square powdered stainless steel frame with steel rods. Used to measure flakiness.

Manufactured using a powder coated mild steel frame and stainless steel rods, these sieves are suitable for hand sieving.

Wet Washing Sieves

Deeper than usual. 300mm diameter can be 150mm, 225mm or 300mm deep. All others can be 100mm or 200mm deep.

Manufactured with an extra deep frame, making it easier to separate fine samples with liquid and avoid particles sticking to each other.

Sieve Shakers

Durable sieve shakers, each manufactured to suit different requirements and varying budgets.

Sieve shakers for dry and wet sieving for the full range of diameter test sieves from 100mm diameter to 450mm diameter. Easy to operate and no maintenance required.

Sizing Chart

	Standard	B.S/ISO.3310	A.S.T.M.E11	B.S EN 933-3	Height	Full	Half	Deep (100mm - 300mm)	Material	Woven Wire (20µm - 125mm) Mild Steel Zinc passivated	Round Hole (1mm-125mm) Square Hole (4mm-125mm)	Perforated Plate Mild Steel Zinc passivated	Round Hole (1mm-125mm) Square Hole (4mm-125mm)	Perforated Plate Slots (20mm x 1mm - 4.5mm) Mild Steel Zinc passivated	Stainless Steel Rods (2.5mm-50mm)
100mm	●					●				●					
150mm	●					●				●					
200mm	●					●	●	●		●		●		●	
8"		●				●	●	●		●					
250mm	●					●				●		●			
300mm	●					●	●	●		●		●		●	
12"		●				●	●	●		●					
315mm	●					●				●		●			
350mm	●					●				●		●			
400mm	●					●				●		●			
450mm	●					●				●		●			
325mm X 325mm			●			●									●

International Standards

International Standard

Woven Wire

B.S. 410 / I.S.O 3310 Part 1

mm		µm	
125	9.5	900	90
112	9	850	80
106	8	800	75
100	7.1	710	71
90	6.7	630	63
80	6.3	600	56
75	5.6	560	53
71	5	500	50
63	4.75	450	45
56	4.5	425	40
53	4	400	38
50	3.55	355	36
45	3.35	315	32
40	3.15	300	25
37.5	2.8	280	20
35.5	2.5	250	
31.5	2.36	224	
28	2.24	212	
26.5	2	200	
25	1.8	180	
22.4	1.7	160	
20	1.6	150	
19	1.4	140	
18	1.25	125	
16	1.18	112	
14	1.12	106	
13.2	1	100	
12.5			
11.2			
10.0			

Perforated Plate

B.S. 410 / I.S.O 3310 Part 2

mm	
○ □	○
125	3.55
112	3.35
106	3.15
100	2.8
90	2.5
80	2.36
75	2.24
71	2
63	1.8
56	1.7
53	1.6
50	1.4
45	1.25
40	1.18
37.5	1.12
35.5	1
31.5	
28	
26.5	
25	
22.4	
20	
19	
18	
16	
14	
13.2	
12.5	
11.2	
10	
9.5	
9	
8	
7.1	
6.7	
6.3	
5.6	
5	
4.75	
4.5	
4	

American Standard

Woven Wire

ASTM E11

mm	Altern.	µm	Altern.
125	5.00 in	850	No. 20
106	4.24 in	710	No. 25
100	4 in	600	No. 30
90	3 ½ in	500	No. 35
75	3 in	425	No. 40
63	2 ½ in	355	No. 45
53	2.12 in	300	No. 50
50	2 in	250	No. 60
45	1 3/4 in	212	No. 70
37.5	1 ½ in	180	No. 80
31.5	1 1/4 in	150	No. 100
26.5	1.06 in	125	No. 120
25	1 in	106	No. 140
22.4	7/8 in	90	No. 170
19	3/4 in	75	No. 200
16	5/8 in	63	No. 230
13.2	0.530 in	53	No. 270
12.5	½ in	45	No. 325
11.2	7/16 in	38	No. 400
9.5	3/8 in	32	No. 450
8	5/16 in	25	No. 500
6.7	0.265 in	20	No. 635
6.3	1/4 in		
5.6	No. 3 ½		
4.75	No. 4		
4	No. 5		
3.35	No. 6		
2.8	No. 7		
2.36	No. 8		
2	No. 10		
1.7	No. 12		
1.4	No. 14		
1.18	No. 16		
1	No. 18		


is for...

Strength. Our sieves are manufactured to last.

The design of our sieving equipment has undergone radical changes since we were established 20 years ago.

We offer the finest equipment – whether it is woven wire sieves, perforated plate sieves, wet washing sieves, or grid sieves, high quality and reliable products are at the forefront of what we do and all of our test sieves are designed and built to the highest standards. Our longer lasting precision engineering sieves provide unrivalled quality and are available in a variety of sizes, and we can also produce bespoke private label branded products exclusively for our customers.

Product quality is vital to the success of our client's business and that is why we will always strive for excellence and innovation, in order to help our customers throughout the world achieve the finest and the most accurate samples.

Accessories

Glenammer supply durable and affordable sieving accessories, which are designed to assist sieving procedures.

Lids and receivers

Also known as 'cover' and 'pan'.

These are widely used in particle analysis, especially with Glenammer sieve shakers.

Receivers are used for collecting the final samples at the very bottom of test sieves. Lids are placed on the top to keep the samples inside the sieve stack.

Intermediate receivers

These can be placed between test sieves so that users can complete two or more different tests while only operating one sieve shaker.

Wet Washing Lids

Wet Washing Lids and Receivers are designed for particle analysis when liquid is involved. Both of our lids and receivers have adapters installed to let the liquid flow through.

Sizing Chart

	Lid Material: Stainless Steel		Receiver Material: Stainless Steel
100mm	●		●
150mm	●		●
200mm	●		●
250mm	●		●
8"	●		●
300mm	●		●
12"	●		●
315mm	●		●
350mm	●		●
400mm	●		●
450mm	●		●

Rubber Gaskets

These are used on the bottom of individual test sieves. They prevent the test sieves from wobbling and provide a good sealant between two test sieves.

Sieve brushes

Glenammer supply double ended nylon brushes and double ended brass/nylon brushes. The nylon bristle paint brush is recommended to use for test sieve mesh cleaning.

Our Sieve shakers

Glenammer the GEM series shakers with various models to suit different requirements and various budgets.

Glenammer offers a range of durable sieve shakers, each manufactured to suit different requirements and varying budgets. They are made with various motors, including a traditional mechanical timer, a digital timer, and an electromagnetic and 3D electro magnetic motor. Glenammer sieve shakers are durable and easy to operate and there is no maintenance required. We provide sieves shakers for the full range of diameter test sieves from 100mm diameter to 450mm diameter.

Our sales team will recommend a suitable model according to your sample materials and test requirements.

All of Glenammer robust sieve shakers come with a quick release clamping system to improve the testing efficiency. Users can conduct both dry and wet sieving with suitable accessories and all models are capable of holding a maximum height of 850mm nested sieves plus lid and receiver (approx. 10 of 200mm or 8 of 300mm).

GEM Series

There are three models in GEM series, Analogue, Digital and Advanced 3D

Glenammer GEM200 Analogue Sieve Shakers

Glenammer's SQ Analogue Shaker is an ideal model to replace traditional hand sieving in order to achieve superior and more efficient and stable results. Compact in size and easy to maintain, it is the most economical and easy to operate choice amongst the models of sieve shakers and is recommended for those who mainly use a stack of test sieves for particle analysis of one type of material.

With an analogue timer to adjust the operating time between 0 - 60 minutes, users can simply turn the dial to the desired time to start the operation.

The SQ Analogue model supports the full diameter range. The 200 SQ Analogue is built with a stable electro magnetic motor and is suitable for laboratory use. The 300, 315, and 450 SQ Analogue models are motorized shakers and are ideal for heavy-duty materials.

Glenammer GEM200 Digital Sieve Shaker

Glenammer's SQ Digital Shaker functions slightly different from the SQ Analogue as it is operated with a digital timing system, lending to further accuracy in tests.

It is compact in size and easy to maintain and allows for up to 8 full height sieves. The machine operates quietly and has a digital display panel with an installed digital timer, where users can set the desired operation sieving time incrementally in seconds.

The system also features a pause / start option, which enables users to operate the shaker with intervals.

Glenammer GEM Advance Sieve Shaker

The GEM Advance Sieve Shaker is suitable for the majority of sieving duties. With the 3D electromagnetic sieving motion, the GEM Advance sieve shaker enables users to get accurate and efficient results and is an ideal model for users that operate multiple test applications on the shaker.

With GEM Advance, users can adjust the amplitude from 0-9 steps in order to control the sieving power and shaking intensity. This model introduces the function of an interval operation - enabling users to either run the shaker continuously or with intervals via the digital panel. Interval operation allows the sample to set better during the sieving process, especially for finer particles. GEM Advance sieve shaker also allows users to retain 5 sets of memory. Users can simply select the pre-named number and bring back all the settings including operation time, interval time, pause time, amplitude setting and

GEM200 Analogue

Capacity
8 X 200mm Dia. (100mm, 150mm, 3" and 8") sieves plus lid and receiver.

6 X 300mm Dia. (12" 315mm) sieves plus lid and receiver. Extended rods available.

Height
140mm

Net Weight
17Kg

Net W x H x D
240mm x 140mm x 240mm

Sieve Motion
Electromagnetic

Max sample weight
3Kg

Timer
Analogue: O - 60mln

Electrical Supply
230 Volt, 1 ph, 50 Hz, Input power 0.045 kw, current 0.20 amps

Speed
3,000/min at 50 Hz

Type
8 x 200mm dia (100mm, 150mm, 8") sieves plus lid and receiver

GEM200 Digital

Capacity
8 X 200mm Dia. (12"mm, 315mm) sieves plus lid and receiver. Extended rods available.

Height
150mm

Net Weight
22Kg

Max sample weight
from 4.5Kg - 6Kg

Net W x H x D
400mm x 200mm x 400mm

Sieve Motion
Vibratory

Orbital Action
Approx up to 350 oscillations per minute

Timer
Digital: 0sec - 99mins 59secs

Electrical Supply
220 Volt, 1 ph, 60 Hz, Input power 0.045 kw, current 0.75 amps

Gem3D Advanced

Capacity
8 x 200mm Diam (100mm, 150mm, 3" and 8") sieves plus lid and receiver. Extended rods available.

Height
140mm

Net
46Kg

Max sample
3Kg

Memory function

Sieve Motion

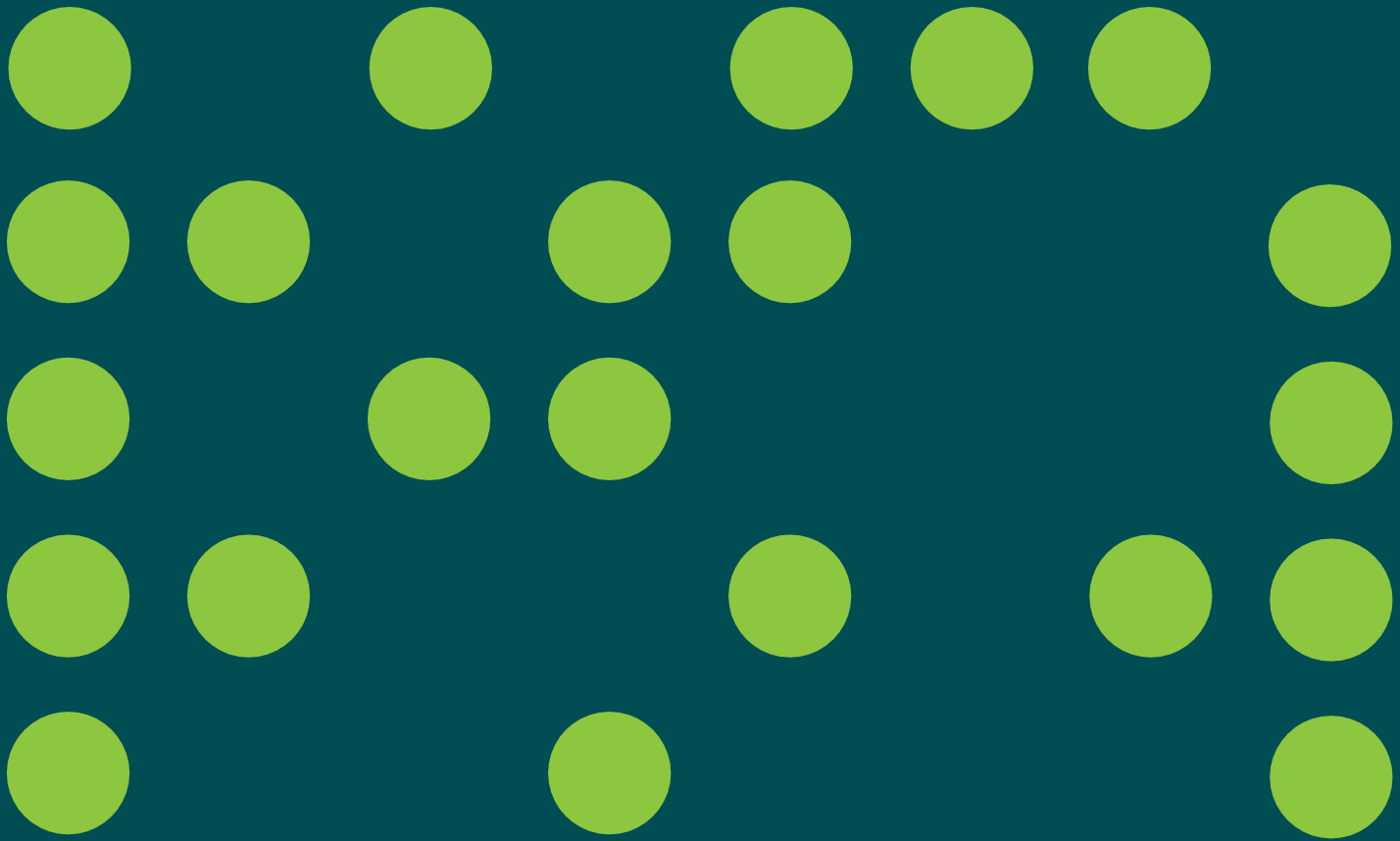
Amplitude
0-3mm (Max amplitude depends on loading) Set digitally 0-9 steps.

Net W x H x D
400mm x 200mm x 410mm

Electrical Supply
230 Volt, 1ph, 50Hz

Interval
On / Off interval operation

Timer
Digital: 0sec - 99mins 59secs



Glenammer is now renowned globally for supplying test sieves into a wide and diverse range of industry sectors as well as laboratories, universities and test environments where the most exacting standards are required.

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