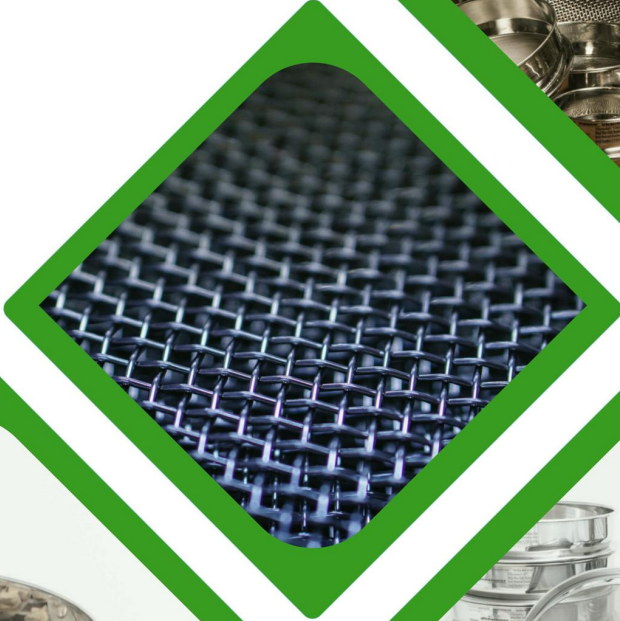




The Best Value Sieves That Money Can Buy



# Glenammer Engineering Ltd

Expertise In Particle Analysis For Over 20 Years Manufacturing High Quality Testing Equipment In The UK



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# ABOUT US

At Glenammer Engineering's manufacturing facility based in the West Coast of Scotland, our dedicated team continue to develop and produce the finest test sieves to suit the exact requirements of our customers.

Our quality product, attention to detail and competitive prices have led to an increase in demand for our test sieves in the UK and worldwide. We believe that working in partnership with our customers is very important. Therefore, at their request, we maintain a large stock which enables us to provide an efficient, fast turnaround of all customer orders.

## OUR HISTORY

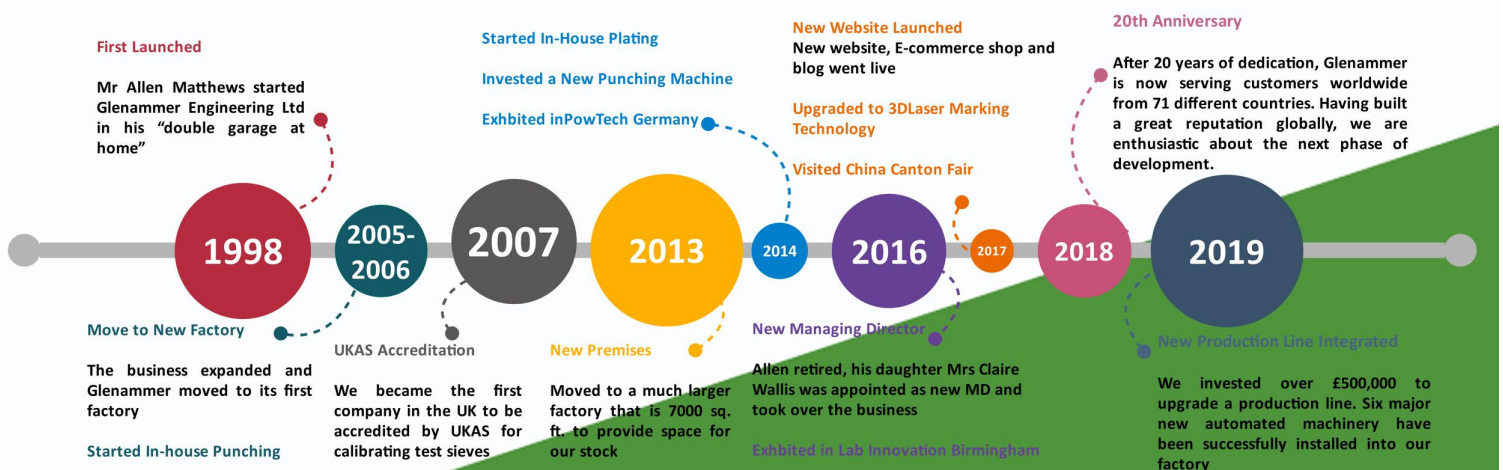
Glenammer Engineering Limited was formed in June 1998 by Mr Allen Matthews with an innovative idea of producing better quality laboratory sieves made exclusively from stainless steel. At that time most sieves were made from brass, which is a weaker and less environmentally friendly material than stainless steel.

At the very beginning, the founder Mr Allen Matthews started his business from a small workshop in his garage. Two years later, the passion and dedication started to pay off. Glenammer was winning more and more customers with its good reputation in the market as "supplying the best value sieves that money could buy." Glenammer did not advertise so our products were like golden nuggets waiting to be found and gradually customers did find us. We grew rapidly, in 2005 we moved to our first factory. After 9 years further expanding, we needed a larger space for our stock room and production line. We now occupy a 7000 sq. ft. factory, which is a significant upgrade on the workshop where we first started.

We keep our eyes open to good ideas which benefit our product. A further demonstration of this was when we looked at the way labels were fixed to the sieves. We used innovation and created a new method of labelling. We started chemically etching labels in 2008 with the benefit of no rivets, no trapping point and an easy clean product. In 2015, we discovered a better labelling method, laser marking - which cut the frame surface and preserved the label forever. In 2017, a 3D laser marking machine was invested in, which provides much bigger and clearer labels.

One of our most asked questions is "where does the name Glenammer come from? Because it is not a name we have heard before." It was born out of a desire to have a company name that identified our heritage to be Scottish. The owner's home has a bridge called Glenammer Bridge, so we took that name. Therefore the name represents the fact that Glenammer Engineering has a great desire to be "the bridge" between Scotland and the rest of the world. From a Scottish local business to an international player, there is over 60% of its annual turnover going to export. So far we have business partners in 71 different countries, there are 124 more in the world and it is our ambition to export to them all.

## Brief History Timeline





# Test Sieve Manufacturing Process

Glenammer Engineering Limited is committed to supplying sieves that reflect our very real passion for our products. We always share that passion with our suppliers and customers. We are proud of our global reputation that our sieves are recognised to be the the best value and quality money can buy.

When selecting components, Glenammer engineers endeavour to choose the best material available in the market and also take environmental sustainability into consideration. Therefore, we only make stainless steel test sieves as they are the most suitable material for particle analysis and last much longer than other material sieves.

Our in-house test sieve manufacturing process contains over 10 different procedures. Glenammer experienced engineers ensure each procedure is completed precisely. We are always striving for excellence and innovation. These engineers are continuously developing new manufacturing methods and implementing more advanced equipment into our production line.



# Product Feature

**Gap Sealant**  
100µm and below are sealed to ensure a smooth waterproof joint between mesh and frame

**Quality Mesh**  
Stainless Steel Grade 316, fine mesh is evenly tensioned

**Safety Edge**  
No sharp edges to trap unwanted material or cause safety hazards

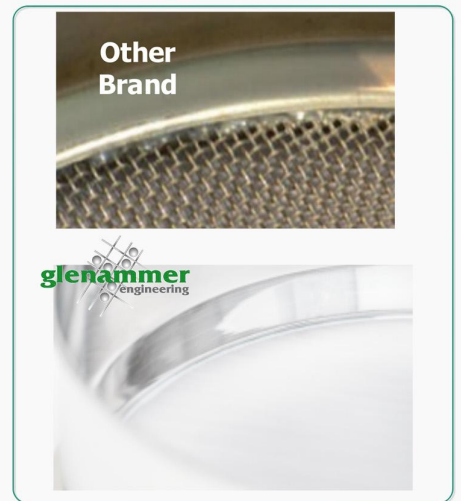
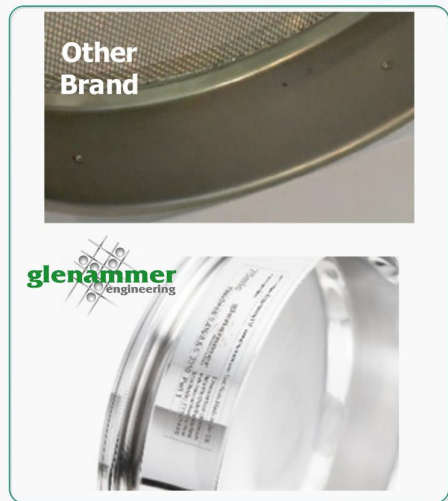
**Frame**  
Highly Polished Stainless-Steel Frame Grade 304

**Serial Number**  
Unique traceable serial number

**Package**  
Test sieves are carefully packaged along with a Certificate of Conformity/ Record Card

**Laser Label**  
3D laser marking technology, provides clear and long last identification

**Label Text:**  
Glenammer Engineering Ltd www.glenammer.com Test Sieve Made in the UK  
Aperture Size: 75mic  
Diameter: 300mm  
Metal Wire Cloth: Stainless Steel  
Body Material: Stainless Steel  
Serial Number: 17101445  
Standard: B.S.410/1.S.O 3310 Part 1



## Label

No rivets used for labelling and internal rim polished for easy cleaning

## Mesh

Superior manufacturing methods ensure no solder within the sieving area

## Sealant

Stringent quality checks to ensure mesh is flat within the sieve



# Woven Wire Test Sieve

Glenammer Woven Wire Sieves are one of the most widely used type of test sieves, the production team use the finest mesh in the world to make the best quality test sieves.

Glenammer woven wire sieves are manufactured to the most stringent engineering standards (BS 410/ISO 3310 part 1 and ASTM E11:17).

Woven wire sieves are used in various testing environments including petroleum, pharmaceutical, sand, soil, paint, chemical raw feed, food, coal, agricultural products, seeds, plants, transfer material, metal powders, fertilizers, glass, building materials, resin and so on.

## Specification

Sieve Frame Material	Stainless Steel
Sieve Screen	Stainless Steel Woven Wire Mesh
Sieve Diameter	100 / 150 / 200 / 300 / 315 / 350 / 400 / 450 mm 8 / 12 inches
Aperture Size	From 20 µm-125 mm



Standard: BS 410/ISO 3310 part 1



Standard: ASTM E11:17

## Perforated Plate Test Sieves

Glenammer perforated plate sieves are produced in house utilizing a CNC Punch Press. This means the quality control team are able to ensure all of the sieves are manufactured with the exact apertures every time.

Perforated plate sieves range from 125mm to 4mm in square hole and 125mm to 1mm in round hole. They are manufactured to comply with BS410/ISO 3310 part 2.

Perforated plate sieves can be used for aggregates, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, plastics, sand, seeds, soils, washing powder.



### Specification

Sieve Frame Material	Stainless Steel
Sieve Screen	Mild Steel Perforated Plate
Sieve Diameter	200 / 300 / 315 / 350 / 400 / 450 mm
Aperture Size	From 1.00 mm – 125.00 mm 1.00 mm – 3.55 mm (round hole only)

## Coffee Bean Sieves

Coffee bean sieves are used to grade coffee beans and they are manufactured with round hole perforated plate and a stainless steel frame.

### Specification

Sieve Frame Material	Stainless Steel
Sieve Screen	Stainless Steel Perforated Plate Round Holes
Sieve Diameter	200 mm
Aperture Size	3/64 - 20/64 ths
Sieve Height	Full height 50 mm



## Grain Sieves

Glenammer grain sieves are specifically designed in a 200mm diameter frame with slotted stainless steel perforated plate which can be used for grains, cereals and tobacco sieving. Manufactured to Standard ISO 5223.

### Specification

Sieve Frame Material	Stainless Steel
Sieve Screen	Stainless Steel Perforated Plate Slotted Holes
Sieve Diameter	200 mm
Aperture Size	3/64 - 20/64 ths
Sieve Height	Full height 50 mm



## Grid Sieves

Grid sieves are used for determining particle flakiness against the index of aggregate coarseness and are suitable for hand sieving. They are manufactured using a powder coated steel frame and stainless steel rods. They comply fully with EN9333-3:2012

### Specification

Sieve Frame Material	Powder Coated Steel Frames						
Sieve Screen	Stainless Steel Rods						
Sieve Size	325mm x 325mm						
Sieve Height	Full height 75 mm						
Available Sizes	2.50	3.15	4.00	5.00	6.30	8.00	10.00
	12.50	16.00	20.00	25.00	31.50	40.00	50.00



## Air Jet Test Sieves

Air jet sieves are designed for testing the particle size distribution of dry, powdery materials. They are manufactured to half height and can be fitted in most air jet sieve machines.

### Specification

Sieve Frame Material	Stainless Steel
Sieve Screen	Stainless Steel Woven Wire Mesh
Sieve Diameter	200 mm/ 300mm/12"/ 8"
Aperture Size	20 µm-3.55 mm
Sieve Height	200 x 25 mm; 8" x 1"; 300 x 38mm;12" x 1.5";



## Wet Washing Sieves

Glenammer wet washing sieves are manufactured with extra-deep frame specifically for wet testing, which makes it possible to separate fine samples with liquid and avoid particles sticking to each other.

### Specification

Sieve Frame Material	Stainless Steel	
Sieve Screen	Stainless Steel Woven Wire Mesh	
Sieve Diameter	200 mm/ 300mm/12"/ 8"	
Aperture Size	20 µm-3.55 mm	
Sieve Height	200mm & 8" x 100mm	300mm & 12" x 150mm
	200mm & 8" x 200mm	300mm & 12" x 225mm
		300mm & 12" x 300mm





## Accessories

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

**Lids and Receivers** (also known as "cover" and "pan") are widely used in particle analysis, especially with 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** can be placed between test sieves so that users can complete two or more different tests while only operating the sieve shaker once.

**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.

**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.

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

### Specification

Lid Material	Stainless Steel
Receiver Material	Stainless Steel
Available Diameter	100 / 150 / 200 / 300 / 315 / 350 / 400 / 450 mm 8" / 12"
Available Brush Type	Double Ended Nylon & Double Ended Brass/Nylon

## Soil Testing Sieve Set

This set is designed to assist soil laboratory analysis. The set is made of 14 x 200 mm/8" diameter sieves with suitable aperture sizes and accessories.

To help with the soil testing projects, we have designed this set with the following aperture sizes: 75.00 mm (3 in), 37.50 mm (1½ in), 9.50 mm (3/8 in), 6.30 mm (1/4 in), 4.75 mm (No.4), 2.00 mm (No.10), 850 microns (No.20), 600 microns (No.30), 425 microns (No.40), 300 microns (No.50), 250 microns (No.60), 150 microns (No.100), 106 microns (No.140), 75 microns (No.200), lid, receiver and a brush.








# Sieve Shakers

Glenammer Engineering's range of Sieve Shakers is constantly evolving as Glenammer manufactures shakers to order and also to customer's particular requirements. All systems are 220/240 volt single phase. Shakers are durable and easy to operate. Two sets of replaceable clamping components come with the equipment providing quick release for an efficient operation.

## Three Shaker Models Comprison

Model	SQ Analogue	SQ Digital	SQ Variable
			
Capacity	Max. 850mm high nested sieves plus lid and receiver (approx. 10 of 200mm or 8 of 300mm)	Max. 850mm high nested sieves plus lid and receiver (approx. 10 of 200mm or 8 of 300mm)	Max. 850mm high nested sieves plus lid and receiver (approx. 10 of 200mm or 8 of 300mm)
Suitable for dry & wet sieving	Yes	Yes	Yes
Amplitude	0-3mm non-adjustable	0-3mm non-adjustable	0-3mm non-adjustable
Sieving Motion	Vibratory	Vibratory	Vibratory
Digital Display	No	Yes	Yes
Timing Method/ Range	0min-30min	00:00-99:59	00:00-99:59
Speed Adjustment	No	No	Yes, range from 0-10 grade
Available Diameter	200mm,300mm,315mm,450mm	200mm,300mm,315mm,450mm	200mm,300mm,315mm,450mm
Application	<ul style="list-style-type: none"> <li>- Durable and economic choice for sample separation</li> <li>- An efficient replacement for hand sieving</li> <li>- Maintenance free</li> </ul>	<ul style="list-style-type: none"> <li>- Digital control panel for accurate testing</li> <li>- Advanced timing control</li> </ul>	<ul style="list-style-type: none"> <li>- Shaking speed adjustable for various materials and experiments</li> <li>- Efficient and accurate time control</li> </ul>

## Specification

Max. Sample Weight	4500g
Orbital Action	Approx. Up To 350 Oscillations Per Minute
Net Dimension	280mm x 150mm x 280mm
Net Weight	22Kg
Electricity Supply	220/240 Volt, 1ph, 60 Hz
Input Power	0.045kw, Current 0.20amps

## Hosokawa Air Jet Sieve

The Mikro Air Jet Sieve™ — Model MAJS-x is a highly accurate and reliable particle size analyser designed for determining the particle size distribution of dry powder ranging from 20 µm to 4,750 µm.

### Advancement

- Integrated analysis computer with touch screen controls
- User friendly software with step by step instructions
- Automatic pressure differential gauge built-in
- Automatic data recording and storage with network capability
- Ergonomic & user-friendly design

### Features

- Suitable for Chemicals, Minerals, Pharmaceuticals, Food, Plastics & Cosmetic materials
- Determines particle size for dry powders from 20 µm to 4,750 µm
- Output graphs available in linear, logarithmic, and Rosin-Rammler formats
- Capable of calculating particle size points at 0.01 to 99.99% using the Rosin-Rammler Law
- Economic solution to particle size analysis
- Pneumatic sieving deagglomerates the sample while continuously cleaning test sieve
- Samples 10 to 100 grams/cycle
- Highly accurate & reliable particle size analysis



### Specification

Range	20 µm to 4,750 µm
Drive / sieving motion	dispersion by air jet
Max. number of sieves	1
Electrical supply	100-230 volt, 50/60 Hz power
Net Dimension	419.1mm x 266.7mm x 177.8mm
Net Weight	11.8 Kg
Speed	10 to 100 grams/cycle
Screen Control	Yes
Data Analysis	Capable of calculating particle size points at 0.01 to 99.99% using the Rosin-Rammler Law
Output	graphs linear, logarithmic, and Rosin-Rammler formats

## Glenammer Jaw Crusher

Glenammer Jaw Crusher is designed for batch and continuous pre-crushing of medium, medium to hard, hard, brittle and tough materials to be followed by fine grinding.

### Specification

Jaw Inlet	130*100mm
Maximum feed size	115*90mm
Adjusting range of jaw outlet	Approx. 2mm to 25mm
Product sizing at minimum adjustment	Approx. 2mm
Throughput	250 kg/h
Dust extraction point	1
Duct extraction flow	150 litre/s
Electrical requirements	3 kW (3*400V/50Hz) other voltages available
Toggle speed	325 rpm
Approximate mass	250 kg gross



### Features

- Better crushing performance due to 3000 Watt (strong 3 phase motor)
- Easy and quick access to the crushing chamber (no tool required)
- Stepless adjustment of gap setting (no tool required)
- CE certified
- Removable infeed hopper with safety baffles or batch loader
- High precision solid steel underframe
- Solid and spacious 20 litre sample collector
- Motor protection switch with start/stop
- End-fineness approx. 2 mm
- Easy exchange of jaw plates and side liners
- 3 different kind of interchangeable jaw plates

# Our Team



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Phone us at:  
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## Standard Range of Apertures

### International Standard Sieve Series

### American Standard Sieve Series

B.S. 410 / I.S.O. 3310 parts 1 Woven Wire				B.S. 410 / I.S.O. 3310 parts 2 Perforated Plate		ASTM E11:17 Woven Wire			
mm		µm		mm		mm	Altern.	µm	Altern.
				Round & Square Hole	Round Hole only				
125	9.5	900	90	125	3.55	125	5.00 in	850	No. 20
112	9	850	80	112	3.35	106	4.24 in	710	No. 25
106	8	800	75	106	3.15	100	4 in	600	No. 30
100	7.1	710	71	100	2.8	90	3 ½ in	500	No. 35
90	6.7	630	63	90	2.5	75	3 in	425	No. 40
80	6.3	600	56	80	2.36	63	2 ½ in	355	No. 45
75	5.6	560	53	75	2.24	53	2.12 in	300	No. 50
71	5	500	50	71	2	50	2 in	250	No. 60
63	4.75	450	45	63	1.8	45	1 ¾ in	212	No. 70
56	4.5	425	40	56	1.7	37.5	1 ½ in	180	No. 80
53	4	400	38	53	1.6	31.5	1 ¼ in	150	No. 100
50	3.55	355	36	50	1.4	26.5	1.06 in	125	No. 120
45	3.35	315	32	45	1.25	25	1 in	106	No. 140
40	3.15	300	25	40	1.18	22.4	7/8 in	90	No. 170
37.5	2.8	280	20	37.5	1.12	19	¾ in	75	No. 200
35.5	2.5	250		35.5	1	16	5/8 in	63	No. 230
31.5	2.36	224		31.5		13.2	0.530 in	53	No. 270
28	2.24	212		28		12.5	½ in	45	No. 325
26.5	2	200		26.5		11.2	7/16 in	38	No. 400
25	1.8	180		25		9.5	3/8 in	32	No. 450
22.4	1.7	160		22.4		8	5/16 in	25	No. 500
20	1.6	150		20		6.7	0.265 in	20	No. 635
19	1.4	140		19		6.3	1/4 in		
18	1.25	125		18		5.6	No. 3 ½		
16	1.18	112		16		4.75	No. 4		
14	1.12	106		14		4	No. 5		
13.2	1	100		13.2		3.35	No. 6		
12.5				12.5		2.8	No. 7		
11.2				11.2		2.36	No. 8		
10.0				10		2	No. 10		
				9.5		1.7	No. 12		
				9		1.4	No. 14		
				8		1.18	No. 16		
				7.1		1	No. 18		
				6.7					
				6.3					
				5.6					
				5					
				4.75					
				4.5					
				4					