OPERATING MANUAL

Gilson Sieve Shaker
SS-8R & SS-12R

Rev: 07/24/2017

MYERS
Construction Testing Equipment
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SAFETY INSTRUCTIONS

Whether you are the owner, employer, operator, or maintenance person for this machine, safety is your responsibility. You are responsible for operating and maintaining this equipment in compliance with these instructions and for using common sense. Review and completely understand the operating and safety instructions before using this machine.

WARNING!

This machine operates on electric current. Improper operation could result in electric shock, electrocution, or an explosion!

1. **ALWAYS** make sure the motor and other electrical components are appropriate and properly configured for your intended use and available power source. The standard Gilson Sieve Shaker comes with a 1/3hp motor wired for 115V/60Hz. Sieve shakers can also be ordered with special wirings: 230/60, 110/50, and 220/50. Motors are **NOT** explosion-proof.

2. **ALWAYS** check electrical wiring for loose connections and for pinched or frayed wiring.

3. **ALWAYS** use a properly-wired, three-pronged plug, or otherwise ground the machine. Connect the machine to a properly-wired, three-pronged receptacle. Make sure the cord is located where no one will trip or get tangled in it.

4. **ALWAYS** disconnect and lock out power supply before performing maintenance and repairs.

WARNING!

WARNING: **DO NOT** operate the machine without having all covers and case in place.

WARNING: **ALWAYS** level the machine prior to operation.

WARNING: Stop the machine immediately and re-level if excessive vibration or machine movement occurs.

WARNING: The electric motor on this machine has internal thermal protection. If the motor shuts off from overload, the machine may restart by itself after cooling off, unless the machine is unplugged during cool-down.

WARNING: **ALWAYS** unplug or disconnect machine from the power source when the unit is not in operation.

WARNING: Keep all parts of your body away from moving parts of the machine while it is operating.

WARNING: **ALWAYS** wear safety glasses when operating, maintaining, or repairing this machine.

Table of Contents

1.0 INTRODUCTION:

This manual applies to Serial Number SS-1812 and higher. For older units, request manual for your serial number; or convert to current design by ordering parts numbered 4P through 8P from this manual.

2.0 UNPACKING & SET-UP:

1. The SS-8R and SS-12R weigh approximately 135lb and 162lb, respectively. Use appropriate equipment and manpower to uncrate the sieve shaker. Wear safety glasses and work gloves.

2. In most instances, the simplest method of uncrating is to cut the carton away from the machine. Leave the carton intact as far as possible so that it can be used to return the machine if necessary.

3. Lift machine from skids and carton, using appropriate equipment to lift the machine onto a substantial, solid work surface.

4. Lay the sieve shaker on its side to install the leveling legs. Turn the legs into the threaded holes in the bottom corners of the outer case. Turn the legs all the way in at this point. Set the sieve shaker upright. Level the machine by adjusting the legs until the machine is level and rigid.

   Further leveling will likely be required once the sieve shaker is fully assembled and ready for operation. Re-level when you move the sieve shaker, when the material in the sieves does not remain evenly distributed, or when the machine becomes unstable in operation.

5. Mount threaded clamp rods (#2R) by placing jam nut ends into the tapped holes in the platform until threads are flush with the platform bottom. Tighten jam nut to platform to hold clamp rods.

6. Remove the round spacers from the knobs by slightly pushing on push buttons and removing the spacers. Holding both push buttons, install lid assembly by placing the knobs upon the clamp rods. Once the lid assembly is in desired location, release the push buttons and the assembly will remain in desired location.

7. Place the acorn nuts (#1) on the top of the clamp rods (#2R) and tighten until secure.

8. Place the Sieve Shaker on a substantial, solid work surface sufficient to provide support for this size machine.

9. Re-level prior to operating.

3.0 OPERATING INSTRUCTIONS:

Please read understand all safety and operating instructions for the Gilson Sieve Shaker before putting it into service.

The Gilson Sieve Shaker efficiently separates most free-flowing materials with particle sizes from No.4 to No.635 (4.75mm to 20µm). Performance on extended size ranges can be determined by experimentation. The test specimen should be large enough to be representative, without overloading any individual sieve. Overloading may result in incomplete separation or damage to the sieve cloth. Maximum loading for individual sieves No.4 and smaller should be about 200g for 8in sieves and about 450g for 12in sieves. Sieves larger than No.4 should be limited to about one particle of material for each available opening.

Gilson's innovative EZ-Clamp System quickly secures sieve stacks of varying heights. This system with integral sieve cover greatly enhances efficiency when testing multiple samples or using more than one sieve stack.

NOTE: Before conducting a test, confirm that the Sieve Shaker has been set-up and leveled properly in accordance with paragraph 4 of the Unpacking and Set-Up instructions. Readjust if necessary.

3.1 Sieve Stack & EZ-Clamp Assembly

1. Push the buttons on the knobs. The EZ-Clamp assembly will slide freely up or down the clamping rods. When the buttons are released, the assembly will remain in that position.

2. Position the assembly slightly higher than the height of the sieve stack.

3. Place the sieve stack on the platform. Push the buttons on the knobs and slide the EZ-Clamp assembly down firmly against the top sieve.

4. Tighten both knobs to securely clamp the sieve stack in place.

5. When the test is complete, unscrew the knobs enough to release tension on the stack, then push the buttons and raise the assembly to the desired height to remove the sieves.

3.2 Timer Set-Up & Operation

This unit is equipped with an easy-to-operate Gilson interval count-down timer. The timer has a large 0.6in LED display and will operate in four different modes. It is powered by line voltage and will work on power supplies from 100—265 VAC, 50/60Hz, with up to 20 amps Inductive or Resistive current.

NOTE: The main device controlled by the timer may be restricted to operating on a more limited electrical supply range. Check the device carefully to insure compatibility with your electrical supply.

Current timer mode is indicated by the four red LED's on the timer face:

- A = MMSS (99min:59sec x 1 second)
- B = HHMM (99hr:59min x 1 minute)
- C = SSSS (9999sec x 1 second)
- D = MMMM (9999min x 1 minute)

(H is for hours, M for minutes, and S for seconds.) To adjust the timer mode, press and hold both <UP> and <DOWN> keys at the same time until the display shows the mode. Once the mode letters are displayed, press <UP> or <DOWN> to change modes. Press <START/STOP> to accept new mode.

To set the run time, press either <UP> or <DOWN>. The first digit on the right hand side will flash in half-second intervals. Press either arrow key to adjust to the desired value. To enter the displayed digit and move to the next, press <START/STOP>. Once the last digit on the left is entered, the timer is ready to start.

Press <START/STOP> to initiate the current run program. Once running, pressing <START/STOP> again will pause the timer with the current amount of time remaining on screen. When allowed to time-out, the timer beeps and displays DONE. Press any key to continue. Setting and Mode values are saved automatically and restored on power-up.

Perform your test. Time required to complete a test will vary depending upon the physical characteristics of the test material. Most separations will be complete in ten minutes or less. Refer to your test specifications, and be consistent.

Disconnect and lock out power to the Sieve Shaker when it is not in use.

NOTE: The SS-8R and SS-12R Sieve Shakers are equipped with a tapping mechanism which makes a loud noise. If the noise is unacceptable, consider using the SSA-805R Sound Compartment.

Models SS-8R and SS-12R are counterbalanced to permit free-standing operation with most common sieve loadings. With very tall or very short sieve stacks, the units may be unstable and move around during operation. Normally this condition occurs only with sieve stacks exceeding about 20in (508mm) in height. This is equivalent to using more than eight sieves and pan of 2-1/8in stacking height. If you need to use tall sieve stacks, and your sieve shaker moves around, try re-leveling. If stability is a problem with short sieve stacks, add extra nonfunctional sieves below an extended-rim pan.

NOTE: Bolting the machine down is not a substitute for leveling. Bolting the shaker down will cause forces from the unbalanced sieve stack to damage the drive mechanism. This damage is not covered by warranty.

When using 8in sieves on the Model SS-12R, always use the platform adapter to compensate for the difference in sieve weights. This adapter can be used with either a regular or an extended-rim pan. When the adapter is positioned with larger I.D. side up, you can use either pan. Invert the adapter for a tighter fit if using only an extended rim pan. Secure the ring to the sieve platform with the two cap screws provided.

4.0 MAINTENANCE:

Before performing maintenance or repairs on the sieve shaker, **ALWAYS** read and understand the safety, operating, and maintenance instructions.

Please provide the serial number and model number of the unit when ordering replacement parts.

4.1 Routine Annual Maintenance

1. Apply of a few drops of oil to the motor end bearings.

2. Inspect the drive belt for wear, tension, and alignment.

   A worn, loose, tight, or misaligned drive belt can affect operation of the sieve shaker.

The belt should be snug: Neither too tight nor too loose. A snug fit assures longer life, less bearing wear, and quieter operation than a belt which is too tight. A loose drive belt may cause the unit to run too slowly or in spurts. The drive belt should deflect 1/64 of the value of the span of the pulleys. The pulleys should be aligned to avoid excessive edge wear.

Never force or pry the belt over the pulley flanges. Use disassembly steps 1-3.

3. Every two years or whenever disassembled, grease the thrust bearing (#13) and the face of the cam (#31). Perform disassembly steps 1-7 to access these parts.

4.2 Disassembly

1. Disconnect and lock out the power supply.

2. Locate the four cover-mounting screws, and remove them. Remove right (timer side) section of the cover.

   Inside the left cover section, locate two more mounting screws on the cover flanges. Remove these screws and the left section of the cover.

3. Loosen the four motor mounting bolts. Motor will slide toward the left side of the machine, loosening tension on the belt so that you can remove it.

4. Remove the four mounting cap screws (#16) from the mounting plate (#17), and lift the entire unit out of its case.

5. Unhook the two hammer springs (#23).

6. Remove the connecting link nuts (#41) and links (#40).

7. Remove the hammer post capscrews (#25), actuator link screws (#36), bumper block capscrews (#20), and lock ring (#19). Now you can lift the sieve platform with main shaft out of its center housing (#15).

8. If you remove the cam shaft hangers (#27) for any reason, reassemble exactly as removed. The roller clutch block (#33) and one cam shaft hanger (#27) contain overrunning clutches which must be installed to allow correct rotation of the cam shaft (#29), or serious damage will result.

   Main bearings have permanent lubrication and are sealed inside the main housing (#15). This main housing with bearings and hub should not be disassembled in the field; replace them as a unit if necessary.

5.0 TROUBLESHOOTING:

Unit Fails to Operate:
Check motor, electrical connections, and timer. Replace or reconnect as necessary. Check drive belt tension; replace belt if worn.

Unit Runs, but Fails to Give Impact Tapping:
Remove covers, drive belt and mounting capscrews (#16). Replace or reconnect hammer springs (#23) as required.

Unit Operates but is Excessively Noisy:
Disassemble through Step 4. Check resilient faces on bumper block (#20) and replace block if necessary.

Unit is Unstable; Shakes or Walks Too Much:

a. Readjust level via leveling legs, and lock with lock nuts.

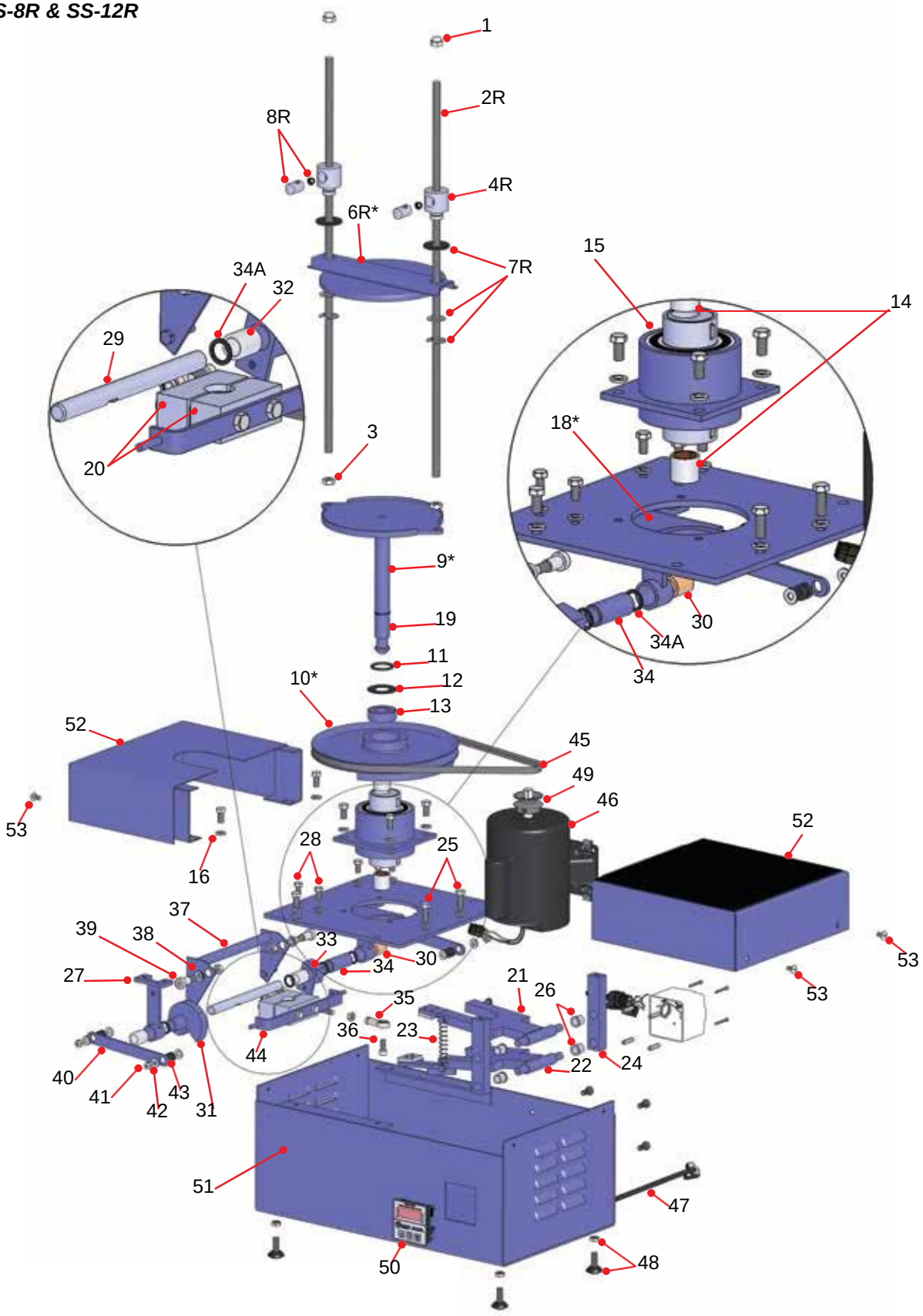
b. For Model SS-12R, be sure that weighted platform adapter is used when using 8in diameter sieves.

c. Loosen and re-clamp the sieve stack.

d. Check sieve stack height. If over 20in, see Operating Instructions.

6.0 PARTS DIAGRAM:

6.1 SS-8R & SS-12R



7.0 PARTS LIST:

SS-8R and SS-12R Parts List

Item No.	Description	No. Req'd	Part Number
EZ-Clamp Sieve Clamping Parts			
1	Clamp Rod Acorn Nut	2	RPSS-8RKEY1
2	EZ-Clamp Rod	2	RPSS-12RKEY2R
3	Clamp Rod Nut	2	RPSS-12RKEY3
4	EZ-Clamp Knob	2	RPSS-8RKEY4R
6	EZ-Clamp compression sieve cover for SS-8R	1	RPSS-8RKEY6R
6	EZ-Clamp compression sieve cover for SS-12R	1	RPSS-12RKEY6R
7	EZ-Clamp washers and retaining ring	2	RPSS-8RKEY7R
8	EZ-Clamp push button and spring	2	RPSS-8RKEY8R
Old Style Clamping Parts, SN 5499 and Lower			
NA	Clamp center knob with screw and washers	1	RPSS-12RKEY5P
NA	Clamp end knob with washers and loose cap	2	RPSS-12RKEY7P
NA	Clamp bar tube for SS-8R	1	RPSS-8RKEY4P
NA	Clamp bar tube for SS-12R	1	RPSS-12RKEY4P
NA	Clamp Rod	2	RPSS-12RKEY2
NA	Compression sieve cover for SS-8R	1	RPSS-8RKEY6P
NA	Compression sieve cover for SS-12R	1	RPSS-12RKEY6P
EZ-Clamp Upgrade Kits			
NA	EZ-Clamp upgrade for SS-8R	-	SSA-807
NA	EZ-Clamp upgrade for SS-12R	-	SSA-809
Main Shaft Parts			
9	Sieve platform with main shaft for SS-8R	1	RPSS-8RKEY9
9	Sieve platform with main shaft for SS-12R	1	RPSS-12RKEY9
10	Drive pulley, counterweight, key, set screw for SS-8R	1	RPSS-8RKEY10
10	Drive pulley, counterweight, key, set screw for SS-12R	1	RPSS-12RKEY10
11	Neoprene sponge washer	1	RPSS-8RKEY11
12	Anti-friction washer	1	RPSS-8RKEY12
13	Thrust bearing	1	RPSS-12RKEY13
14	Non-metallic bushings	2	RPSS-12RKEY14
15	Main housing, bearing, and hub	1	RPSS-12RKEY15
16	Mounting cap screw and lock washer	8	RPSS-12RKEY16
17	Mounting plate	1	RPSS-8RKEY17
18	Lower counterweight, key, setscrews for SS-8R	1	RPSS-8RKEY18
18	Lower counterweight, key, setscrews for SS-12R	1	RPSS-12RKEY18
19	Lock ring	1	RPSS-8RKEY19
20	Bumper block, capscrews (2), lock washers (2)	1	RPSS-12RKEY20
Hammer Assembly Parts			
21	Upper Hammer	1	RPSS-12RKEY21
22	Lower Hammer	1	RPSS-12RKEY22
23	Hammer Spring	2	RPSS-12RKEY23
24	Hammer Post	2	RPSS-12RKEY24
25	Hammer post capscrew and washer	2	RPSS-12RKEY25
26	Hammer post non-metallic bushing	4	RPSS-12RKEY26

7.0 PARTS LIST (CONTINUED):

SS-8R and SS-12R Parts List (Continued)

Item No.	Description	No. Req'd	Part Number
Cam Shaft Assembly Parts			
27	Cam shaft hanger	2	RPSS-8RKEY27
28	Hanger capscrew and lock washer	4	RPSS-12RKEY28
29	Cam shaft	1	RPSS-8RKEY29
30	Cam shaft hanger bushing	1	RPSS-12RKEY30
31	Cam	1	RPSS-12RKEY31
32	Roller clutch	2	RPSS-12RKEY32
33	Roller clutch block	1	RPSS-12RKEY33
34	Cam shaft spacer	1	RPSS-12RKEY34
34A	Cam shaft nylon washer	4	RPSS-12RKEY34A
35	Actuator Link with Rod Ends (2) and nuts (2)	1	RPSS-12RKEY35
36	Actuator link screw	2	RPSS-12RKEY36
37	Stabilizer rocker bracket	1	RPSS-8RKEY37
38	Stabilizer rocker bracket nylon bushing	2	RPSS-12RKEY38
39	Stabilizer rocker bracket bolt and nut	2	RPSS-12RKEY39
40	Connecting link	2	RPSS-12RKEY40
41	Connecting link nut	4	RPSS-12RKEY41
42	Connecting link washer	4	RPSS-8RKEY42
43	Connecting link rubber bushing	4	RPSS-12RKEY43
44	Stabilizer arm	1	RPSS-12RKEY44
Outer Case Parts			
48	Leveling leg, lock nut	4	RPSS-12ROCP6
51	Outer case	1	RPSS-12R-OCP-1
52	Left and Right case cover for SS-8R	1	RPSS-8ROCP2
52	Left and Right case cover for SS-12R	1	RPSS-12ROCP3
53	Cover mount screw	4	RPSS-CMS
Electric & Driving Parts			
46	Motor 115V/60Hz	1	RPSS-8REDP1
46	Motor 230V/50Hz	1	RPSS-MOTOR 230/50
47	Motor cord, grommet and plug (specify serial number)	1	RPSS-12R-M CORD
NA	Motor mounting bolt, flat washer, lock washer	1	RPSS-MMBW
49	Motor pulley 60Hz	1	RPSS-PULLEY/60HZ
49	Motor pulley 50Hz	1	RPSS-PULLEY/50HZ
45	Drive Belt	1	RPSS-12REDP7
50	Electric Timer	1	RP-Timer-ART

8.0 ADDITIONAL INFORMATION:

8.1 Gilson Test Sieves

Gilson stocks the widest range and largest quantity of sieves of any major supplier. Immediate shipment is available for all popular sizes. Custom sieves with special diameters and stacking heights are also available.

ASTM Sieves meet the requirements of ASTM E 11. ISO Sieves meet ISO 565 specifications with tolerances to ISO 3310-1. All are serial numbered and supplied with a certificate of manufacturing conformance.

ASTM and ISO Test Sieves are categorized in three different classes.

- **Compliance Test Sieves** are supplied with a basic certificate of manufacturing conformance. All Gilson Test Sieves meet Compliance grade requirements.
- **Inspection Test Sieves** have a specified number of openings measured and reported for each sieve.
- **Calibration Test Sieves** have two to three times as many openings measured on each sieve, and are supplied with more detailed documentation.

Mesh Opening
Opening Sizes are listed using standard millimeter (mm) or micrometer (µm) descriptions, as well as traditional inch and number designations where appropriate. Gilson offers all mesh sizes, but not all sizes are available in every frame diameter. Common coarse sizes are also listed. Normally, every second or fourth size is used, although precision testing may require consecutive sizes. Additional sieves are often inserted into the sequence to avoid overloading of individual sieves or to better define a particular size range.

ISO Sieve Cloth can be mounted in 8in (203mm) frames when special-ordered. These items are nonreturnable when supplied as ordered.

Frame Diameter
Frames should accommodate the entire sample volume with enough surface area to avoid overloading individual sieves. The diameter selected must also fit the sieve shaker being used. Gilson stocks most common sizes. Inquire for custom sizes.

Frame Height
Sieve frames are designated as Full-Height or Half-Height. Intermediate-Height sieves are also available for 3in and 12in diameters. Half or Intermediate-Height frames allow a greater number of sieves to be used when stack height is limited. Full-Height frames allow free movement of larger particles during agitation for more efficient separation. ISO Test Sieves are fitted with black rubber O-Rings.

Frame and Cloth Material
- Stainless Steel Frame with Stainless Steel Cloth assures a sieve with the longest possible service life. This is the

SIEVE FRAME HEIGHTS & PARTICLE TOPSIZE LIMITS

Sieve		Frame Height		Particle Topsize	
Diameter	Frame Designation	Stacked	Overall	Recommended	Limit
3in (75mm)	FH IH HH	1-1/8 1 5/8	1-3/4 1-1/2 1-1/4	No.8 No.8 No.8	3/8in 3/8in 1/4in
6in (152mm)	FH HH	1-7/8 1-1/8	2-5/8 1-7/8	No.4 No.4	1/2in 3/8in
8in (203mm)	FH HH	2-1/8 1-1/8	2-5/8 1-5/8	No.4 No.4	1/2in 3/8in
200mm	FH HH	2-1/8 1-1/8	2-5/8 1-5/8	No.4 No.4	1/2in 3/8in
10in (254mm)	FH	3-1/8	4	3/8in	3/4in
12in (305mm)	FH IH HH	3-3/8 2-1/8 1-3/4	4-1/4 3 2-5/8	1/2in 1/2in 1/2in	1in 3/4in 1/2in
300mm	FH HH	2-1/2 1-1/2	3 2	1/2in 1/2in	3/4in 1/2in
18in (457mm)	FH	4-1/4	5-1/2	1-1/2in	2in

best choice where contamination, sanitation or extreme wear is an issue.

- Brass Frame with Stainless Steel Cloth is a popular choice that offers extended service and cost-effectiveness.

- Brass Frame with Brass Cloth is economical for light-duty applications. Coarse-series sieves are not available with brass cloth.

Backing Cloth
Back-up cloth prevents sagging or tearing of expensive fine stainless steel mesh. Unsatisfactory service life from a sieve would suggest replacement by a sieve built with backing cloth. To order, add the code "BU" to the model number of the sieve. These sieves are made-to-order, have longer delivery times and are non-returnable.

Pans and Covers
- Pans collect fines at the bottom of the sieve stack. Extended-Rim pans are also available to insert into the middle of a stack, allowing two samples to be tested at once.

- Covers are not necessary with most Gilson sieve shakers, but may be needed if using a different shaker or shaking by hand. The Cover-with-Ring has a wire finger loop in the center to facilitate removal.

Gilson Sieve Verification Services
Gilson Verification can be performed on any test sieve or Gilson screen tray, used or new. These services are ordered by specifying the appropriate model number given in our listing for Test Sieve and Screen Tray Verification and Services. An optical comparator with NIST traceable calibration measures opening sizes and wire diameters on each sieve, and a statistical analysis assures the standard deviations are within ASTM or ISO requirements for Inspection or Calibration grades. Sieves, trays, or wire cloth units are not included in the purchase price of the verification services. Because wire cloth stretches, sags, or tears, and abrasive materials can reduce wire diameters, a verification process should also be set up to regularly verify that working sieves still meet the specifications. These measurements can be taken directly using calipers or an optical comparator, by testing with Standard Reference Materials, or by returning to Gilson for Re-Verification. To verify used sieves, contact a Gilson customer service representative for shipping instructions.

Standard Reference Materials (SRM's)
Sieve Reference Materials are precision glass beads or powders for performance testing of sieves. They are traceable to the National Institute of Standards and Technology (NIST), or European Community Bureau of Reference (BCR). SRM's fit easily into internal quality programs following guidelines in ASTM E 2427, Sieve Acceptance by Performance Testing. User-Prepared Reference Materials can also be utilized under E 2427 in the same manner as SRM's. Because user materials are non-standard, they are not traceable and require much more handling. In addition, the user must determine acceptable tolerances for statistical analysis.

Sieve Shakers
The proper sieve shaker saves considerable time and effort, and yields superior accuracy, consistency, and repeatability compared to manual shaking methods for particle sizing. Effective agitation lifts all particles off the sieve cloth, reorients them, and allows them to be repeatedly "tried" to different openings at different angles. Careful review of shaker specifications allows optimal choices for different materials and applications. Greater sample volumes and large particle topsize may indicate selection of Gilson Test-Master®, Testing Screen or Porta-Screen® models for efficient processing.

8.2 Test Sieve & Screen Tray Verification & Services

There have been extensive revisions to the newest version of ASTM standard E 11, Specification for Wire Cloth and Sieves for Testing Purposes. Gilson is leading the way in educating our customers about the new specification and making these new products available. The new specification affects all test sieves, screen trays, and wire cloth, and changes the way the mesh openings are evaluated by looking at the statistical distribution of aperture sizes, rather than just the average opening sizes. In addition to a more accurate and reliable system of evaluation, the new system also allows compatibility with ISO 565 and 3310-1 requirements. There are now three grades, or classes of ASTM or ISO test sieves available; Compliance, Inspection and Calibration.

- **Compliance Test Sieves** are manufactured with wire cloth that has been inspected and measured in roll or sheet quantities prior to being cut and mounted in the individual sieve frames. Opening sizes are not measured in individual sieves. Each Compliance sieve is supplied with a certificate of manufacturing compliance, but no statistical documentation is given. Compliance sieves are designed for applications where a basic, reliable degree of accuracy and repeatability are sufficient.

- **Inspection Test Sieves** have a specified number of openings measured in each sieve after the cloth is mounted in the frame. There is a 99% confidence level that the standard deviation of these openings is within the maximum allowed by ASTM. Inspection Sieves are a good choice in applications where accuracy and repeatability are critical. Each Inspection Sieve consists of a Compliance Sieve with added Inspection Sieve Verification service.

- **Calibration Test Sieves** have about twice as many openings measured as Inspection Sieves. The higher number of openings measured on each sieve increases the confidence level to 99.73% that the standard deviation of these openings is within the maximum allowed by ASTM. Calibration Sieves should be used in applications where a very high degree of accuracy is required. Each Calibration Sieve consists of a compliance sieve with added Calibration Sieve Verification service.

New Gilson Test Sieves are guaranteed to meet the requirements of ASTM or ISO for Compliance, Inspection or Calibration grades as ordered, but for continued assurance of performance, procedures should be in place to regularly check working sieves as they age. Wire cloth stretches, sags, or even tears, and abrasive materials reduce wire diameter, causing an increase in opening size and loss of accuracy over time.

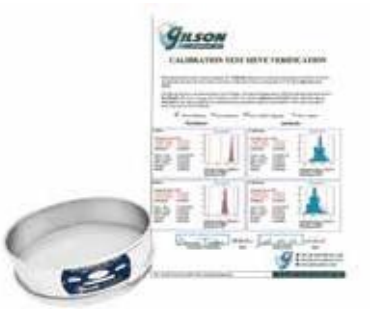
These same verification services are also available for screen trays used in Gilson Testing Screens, Test-Master®, Porta-Screen® and Gilso-Matic® machines.

Gilson Reverification Services can be performed on used ASTM or ISO Test Sieves or Screen Trays. An optical comparator with NIST traceable calibration measures opening and wire diameter sizes on each sieve. Certification reports are produced for the appropriate grade. These services are available for all ASTM and ISO sieve sizes and types, and are ordered by specifying model numbers for Inspection Sieve Verification, or Calibration Sieve Verification. Sieves are not included in the purchase price. When verifying used sieves, contact a Gilson customer service representative for shipping instructions.

Master-Matched Sieves are ASTM 8in diameter stainless woven-wire sieves from No.8 (2.36mm) to No.325 (45µm) that have been measured and shown to closely match a set of master sieves maintained by Gilson in a reference laboratory. Master-Matched Sieves from Gilson are always matched to the same master set, assuring that one sieve is very close to another. Master-Matched Sieves are also certified to meet ASTM E 11, so additional verification is not normally necessary. Master-Matching is done using special standard reference materials, sized for each sieve. Each sieve is performance tested to insure it yields ±2% by weight of the value of the master sieve.

Ordering

All Gilson test sieves meet ASTM or ISO requirements for Compliance Test Sieves. Ordering additional verification services for each individual sieve upgrades them to meet Inspection or Calibration specifications.



GV-65 Calibration Verification shown with Sieve

GV-66 Calibration Verification shown with Screen Tray


GILSON COMPANY, INC.
COMPLIANCE TEST SIEVE CERTIFICATION

Certificate of E 11 Compliance for all Sieves

TEST SIEVE & SCREEN TRAY VERIFICATION & SERVICES

Description	Model
Inspection Test Sieve Verification, ASTM E 11	GV-60
Calibration Test Sieve Verification, ASTM E 11	GV-65
Inspection Test Sieve Verification, ISO 565 and 3310-1	GV-62
Calibration Test Sieve Verification, ISO 565 and 3310-1	GV-63
Inspection Screen Tray Verification, ASTM E 11	GV-61
Calibration Screen Tray Verification, ASTM E 11	GV-66
Inspection Screen Tray Verification, ISO 565 and 3310-1	GV-64
Calibration Screen Tray Verification, ISO 565 and 3310-1	GV-67
Master-Matched Sieves	MM-70

8.3
8in Diameter ASTM Test Sieves

8IN DIAMETER ASTM TEST SIEVES

	ASTM		Brass Cloth Brass Frame		Stainless Cloth Brass Frame		Stainless Cloth Stainless Frame	
			Full Ht.	Half Ht.	Full Ht.	Half Ht.	Full Ht.	Half Ht.
COARSE SERIES	4in	100.0mm	—	—	V8CF 4"	V8CH 4"	V8SF 4"	—
	3-1/2in	90.0mm	—	—	V8CF 3-1/2"	V8CH 3-1/2"	V8SF 3-1/2"	—
	3in	75.0mm	—	—	V8CF 3"	V8CH 3"	V8SF 3"	—
	2-1/2in	63.0mm	—	—	V8CF 2-1/2"	V8CH 2-1/2"	V8SF 2-1/2"	—
	2.12in	53.0mm	—	—	V8CF 2.12"	V8CH 2.12"	V8SF 2.12"	—
	2in	50.0mm	—	—	V8CF 2"	V8CH 2"	V8SF 2"	—
	1-3/4in	45.0mm	—	—	V8CF 1-3/4"	V8CH 1-3/4"	V8SF 1-3/4"	—
	1-1/2in	37.5mm	—	—	V8CF 1-1/2"	V8CH 1-1/2"	V8SF 1-1/2"	—
	1-1/4in	31.5mm	—	—	V8CF 1-1/4"	V8CH 1-1/4"	V8SF 1-1/4"	—
	1.06in	26.5mm	—	—	V8CF 1.06"	V8CH 1.06"	V8SF 1.06"	—
	1in	25.0mm	—	—	V8CF 1"	V8CH 1"	V8SF 1"	V8SH 1"
	7/8in	22.4mm	—	—	V8CF 7/8"	V8CH 7/8"	V8SF 7/8"	V8SH 7/8"
	3/4in	19.0mm	—	—	V8CF 3/4"	V8CH 3/4"	V8SF 3/4"	V8SH 3/4"
	5/8in	16.0mm	—	—	V8CF 5/8"	V8CH 5/8"	V8SF 5/8"	V8SH 5/8"
	0.530in	13.2mm	—	—	V8CF .530"	V8CH .530"	V8SF .530"	V8SH .530"
	1/2in	12.5mm	—	—	V8CF 1/2"	V8CH 1/2"	V8SF 1/2"	V8SH 1/2"
	7/16in	11.2mm	—	—	V8CF 7/16"	V8CH 7/16"	V8SF 7/16"	V8SH 7/16"
	3/8in	9.5mm	—	—	V8CF 3/8"	V8CH 3/8"	V8SF 3/8"	V8SH 3/8"
	5/16in	8.0mm	—	—	V8CF 5/16"	V8CH 5/16"	V8SF 5/16"	V8SH 5/16"
	0.265in	6.7mm	—	—	V8CF .265"	V8CH .265"	V8SF .265"	V8SH .265"
	1/4in	6.3mm	—	—	V8CF 1/4"	V8CH 1/4"	V8SF 1/4"	V8SH 1/4"
	No.3-1/2	5.6mm	V8BF #3-1/2	V8BH #3-1/2	V8CF #3-1/2	V8CH #3-1/2	V8SF #3-1/2	V8SH #3-1/2
	No.4	4.75mm	V8BF #4	V8BH #4	V8CF #4	V8CH #4	V8SF #4	V8SH #4
FINE SERIES	No.5	4.0mm	V8BF #5	V8BH #5	V8CF #5	V8CH #5	V8SF #5	V8SH #5
	No.6	3.35mm	V8BF #6	V8BH #6	V8CF #6	V8CH #6	V8SF #6	V8SH #6
	1/8in[1]	3.18mm	—	—	V8CF 1/8"	V8CH 1/8"	V8SF 1/8"	V8SH 1/8"
	No.7	2.8mm	V8BF #7	V8BH #7	V8CF #7	V8CH #7	V8SF #7	V8SH #7
	No.8	2.36mm	V8BF #8	V8BH #8	V8CF #8	V8CH #8	V8SF #8	V8SH #8
	No.10	2.0mm	V8BF #10	V8BH #10	V8CF #10	V8CH #10	V8SF #10	V8SH #10
	No.12	1.7mm	V8BF #12	V8BH #12	V8CF #12	V8CH #12	V8SF #12	V8SH #12
	No.14	1.4mm	V8BF #14	V8BH #14	V8CF #14	V8CH #14	V8SF #14	V8SH #14
	No.16	1.18mm	V8BF #16	V8BH #16	V8CF #16	V8CH #16	V8SF #16	V8SH #16
	No.18	1.0mm	V8BF #18	V8BH #18	V8CF #18	V8CH #18	V8SF #18	V8SH #18
	No.20	850µm	V8BF #20	V8BH #20	V8CF #20	V8CH #20	V8SF #20	V8SH #20
	No.25	710µm	V8BF #25	V8BH #25	V8CF #25	V8CH #25	V8SF #25	V8SH #25
	No.30	600µm	V8BF #30	V8BH #30	V8CF #30	V8CH #30	V8SF #30	V8SH #30
	No.35	500µm	V8BF #35	V8BH #35	V8CF #35	V8CH #35	V8SF #35	V8SH #35
	No.40	425µm	V8BF #40	V8BH #40	V8CF #40	V8CH #40	V8SF #40	V8SH #40
	No.45	355µm	V8BF #45	V8BH #45	V8CF #45	V8CH #45	V8SF #45	V8SH #45
	No.50	300µm	V8BF #50	V8BH #50	V8CF #50	V8CH #50	V8SF #50	V8SH #50
	No.60	250µm	V8BF #60	V8BH #60	V8CF #60	V8CH #60	V8SF #60	V8SH #60
	No.70	212µm	V8BF #70	V8BH #70	V8CF #70	V8CH #70	V8SF #70	V8SH #70
	No.80	180µm	V8BF #80	V8BH #80	V8CF #80	V8CH #80	V8SF #80	V8SH #80
	No.100	150µm	V8BF #100	V8BH #100	V8CF #100	V8CH #100	V8SF #100	V8SH #100
	No.120	125µm	V8BF #120	V8BH #120	V8CF #120	V8CH #120	V8SF #120	V8SH #120
	No.140	106µm	V8BF #140	V8BH #140	V8CF #140	V8CH #140	V8SF #140	V8SH #140
	No.170	90µm	V8BF #170	V8BH #170	V8CF #170	V8CH #170	V8SF #170	V8SH #170
	No.200	75µm	V8BF #200	V8BH #200	V8CF #200	V8CH #200	V8SF #200	V8SH #200
	No.230	63µm	V8BF #230	V8BH #230	V8CF #230	V8CH #230	V8SF #230	V8SH #230
	No.270	53µm	V8BF #270	V8BH #270	V8CF #270	V8CH #270	V8SF #270	V8SH #270
	No.325	45µm	V8BF #325	V8BH #325	V8CF #325	V8CH #325	V8SF #325	V8SH #325
	No.400	38µm	V8BF #400	V8BH #400	V8CF #400	V8CH #400	V8SF #400	V8SH #400
	No.450	32µm	—	—	V8CF #450	V8CH #450	V8SF #450	V8SH #450
	No.500	25µm	—	—	V8CF #500	V8CH #500	V8SF #500	V8SH #500
	No.635	20µm	—	—	V8CF #635	V8CH #635	V8SF #635	V8SH #635
	Regular Pan		V8BFXPN	V8BHXPN	V8BFXPN	V8BHXPN	V8SFXPN	V8SHXPN
	Extended Rim Pan		V8BFXPE	V8BHXPE	V8BFXPE	V8BHXPE	V8SFXPE	V8SHXPE
	Regular Cover		V8BFXCV		V8BFXCV		V8SFXCV	
	Cover with Ring		V8BFXCR		V8BFXCR		V8SFXCR	

[1] Not a standard ASTM E 11 size.

8in Round Test Sieves

SS-8R Gilson Tapping Sieve Shaker shown with Sieves

8.4
12in Diameter ASTM Test Sieves

12IN DIAMETER ASTM TEST SIEVES

	ASTM		Brass Cloth Brass Frame			Stainless Cloth Brass Frame			Stainless Cloth Stainless Frame		
			Full Ht.	Inter. Ht.	Half Ht.	Full Ht.	Inter. Ht.	Half Ht.	Full Ht.	Inter. Ht.	Half Ht.
COARSE SERIES	4in	100.0mm	—	—	—	V12CF 4"	V12CI 4"	V12CH 4"	V12SF 4"	V12SI 4"	V12SH 4"
	3-1/2in	90.0mm	—	—	—	V12CF 3-1/2"	V12CI 3-1/2"	V12CH 3-1/2"	V12SF 3-1/2"	V12SI 3-1/2"	V12SH 3-1/2"
	3in	75.0mm	—	—	—	V12CF 3"	V12CI 3"	V12CH 3"	V12SF 3"	V12SI 3"	V12SH 3"
	2-1/2in	63.0mm	—	—	—	V12CF 2-1/2"	V12CI 2-1/2"	V12CH 2-1/2"	V12SF 2-1/2"	V12SI 2-1/2"	V12SH 2-1/2"
	2.12in	53.0mm	—	—	—	V12CF 2.12"	V12CI 2.12"	V12CH 2.12"	V12SF 2.12"	V12SI 2.12"	V12SH 2.12"
	2in	50.0mm	—	—	—	V12CF 2"	V12CI 2"	V12CH 2"	V12SF 2"	V12SI 2"	V12SH 2"
	1-3/4in	45.0mm	—	—	—	V12CF 1-3/4"	V12CI 1-3/4"	V12CH 1-3/4"	V12SF 1-3/4"	V12SI 1-3/4"	V12SH 1-3/4"
	1-1/2in	37.5mm	—	—	—	V12CF 1-1/2"	V12CI 1-1/2"	V12CH 1-1/2"	V12SF 1-1/2"	V12SI 1-1/2"	V12SH 1-1/2"
	1-1/4in	31.5mm	—	—	—	V12CF 1-1/4"	V12CI 1-1/4"	V12CH 1-1/4"	V12SF 1-1/4"	V12SI 1-1/4"	V12SH 1-1/4"
	1.06in	26.5mm	—	—	—	V12CF 1.06"	V12CI 1.06"	V12CH 1.06"	V12SF 1.06"	V12SI 1.06"	V12SH 1.06"
	1in	25.0mm	—	—	—	V12CF 1"	V12CI 1"	V12CH 1"	V12SF 1"	V12SI 1"	V12SH 1"
	7/8in	22.4mm	—	—	—	V12CF 7/8"	V12CI 7/8"	V12CH 7/8"	V12SF 7/8"	V12SI 7/8"	V12SH 7/8"
	3/4in	19.0mm	—	—	—	V12CF 3/4"	V12CI 3/4"	V12CH 3/4"	V12SF 3/4"	V12SI 3/4"	V12SH 3/4"
	5/8in	16.0mm	—	—	—	V12CF 5/8"	V12CI 5/8"	V12CH 5/8"	V12SF 5/8"	V12SI 5/8"	V12SH 5/8"
	0.530in	13.2mm	—	—	—	V12CF .530"	V12CI .530"	V12CH .530"	V12SF .530"	V12SI .530"	V12SH .530"
	1/2in	12.5mm	—	—	—	V12CF 1/2"	V12CI 1/2"	V12CH 1/2"	V12SF 1/2"	V12SI 1/2"	V12SH 1/2"
	7/16in	11.2mm	—	—	—	V12CF 7/16"	V12CI 7/16"	V12CH 7/16"	V12SF 7/16"	V12SI 7/16"	V12SH 7/16"
	3/8in	9.5mm	—	—	—	V12CF 3/8"	V12CI 3/8"	V12CH 3/8"	V12SF 3/8"	V12SI 3/8"	V12SH 3/8"
	5/16in	8.0mm	—	—	—	V12CF 5/16"	V12CI 5/16"	V12CH 5/16"	V12SF 5/16"	V12SI 5/16"	V12SH 5/16"
	0.265in	6.7mm	—	—	—	V12CF .265"	V12CI .265"	V12CH .265"	V12SF .265"	V12SI .265"	V12SH .265"
	1/4in	6.3mm	—	—	—	V12CF 1/4"	V12CI 1/4"	V12CH 1/4"	V12SF 1/4"	V12SI 1/4"	V12SH 1/4"
	No.3-1/2	5.6mm	—	—	—	V12CF #3-1/2	V12CI #3-1/2	V12CH #3-1/2	V12SF #3-1/2	V12SI #3-1/2	V12SH #3-1/2
	No.4	4.75mm	—	—	—	V12CF #4	V12CI #4	V12CH #4	V12SF #4	V12SI #4	V12SH #4
FINE SERIES	No.5	4.0mm	—	—	—	V12CF #5	V12CI #5	V12CH #5	V12SF #5	V12SI #5	V12SH #5
	No.6	3.35mm	—	—	—	V12CF #6	V12CI #6	V12CH #6	V12SF #6	V12SI #6	V12SH #6
	1/8in[1]	3.18mm	—	—	—	V12CF 1/8"	V12CI 1/8"	V12CH 1/8"	V12SF 1/8"	V12SI 1/8"	V12SH 1/8"
	No.7	2.8mm	—	—	—	V12CF #7	V12CI #7	V12CH #7	V12SF #7	V12SI #7	V12SH #7
	No.8	2.36mm	V12BF #8	V12BI #8	V12BH #8	V12CF #8	V12CI #8	V12CH #8	V12SF #8	V12SI #8	V12SH #8
	No.10	2.0mm	V12BF #10	V12BI #10	V12BH #10	V12CF #10	V12CI #10	V12CH #10	V12SF #10	V12SI #10	V12SH #10
	No.12	1.7mm	V12BF #12	V12BI #12	V12BH #12	V12CF #12	V12CI #12	V12CH #12	V12SF #12	V12SI #12	V12SH #12
	No.14	1.4mm	V12BF #14	V12BI #14	V12BH #14	V12CF #14	V12CI #14	V12CH #14	V12SF #14	V12SI #14	V12SH #14
	No.16	1.18mm	V12BF #16	V12BI #16	V12BH #16	V12CF #16	V12CI #16	V12CH #16	V12SF #16	V12SI #16	V12SH #16
	No.18	1.0mm	V12BF #18	V12BI #18	V12BH #18	V12CF #18	V12CI #18	V12CH #18	V12SF #18	V12SI #18	V12SH #18
	No.20	850µm	V12BF #20	V12BI #20	V12BH #20	V12CF #20	V12CI #20	V12CH #20	V12SF #20	V12SI #20	V12SH #20
	No.25	710µm	V12BF #25	V12BI #25	V12BH #25	V12CF #25	V12CI #25	V12CH #25	V12SF #25	V12SI #25	V12SH #25
	No.30	600µm	V12BF #30	V12BI #30	V12BH #30	V12CF #30	V12CI #30	V12CH #30	V12SF #30	V12SI #30	V12SH #30
	No.35	500µm	V12BF #35	V12BI #35	V12BH #35	V12CF #35	V12CI #35	V12CH #35	V12SF #35	V12SI #35	V12SH #35
	No.40	425µm	V12BF #40	V12BI #40	V12BH #40	V12CF #40	V12CI #40	V12CH #40	V12SF #40	V12SI #40	V12SH #40
	No.45	355µm	V12BF #45	V12BI #45	V12BH #45	V12CF #45	V12CI #45	V12CH #45	V12SF #45	V12SI #45	V12SH #45
	No.50	300µm	V12BF #50	V12BI #50	V12BH #50	V12CF #50	V12CI #50	V12CH #50	V12SF #50	V12SI #50	V12SH #50
	No.60	250µm	V12BF #60	V12BI #60	V12BH #60	V12CF #60	V12CI #60	V12CH #60	V12SF #60	V12SI #60	V12SH #60
	No.70	212µm	V12BF #70	V12BI #70	V12BH #70	V12CF #70	V12CI #70	V12CH #70	V12SF #70	V12SI #70	V12SH #70
	No.80	180µm	V12BF #80	V12BI #80	V12BH #80	V12CF #80	V12CI #80	V12CH #80	V12SF #80	V12SI #80	V12SH #80
	No.100	150µm	V12BF #100	V12BI #100	V12BH #100	V12CF #100	V12CI #100	V12CH #100	V12SF #100	V12SI #100	V12SH #100
	No.120	125µm	V12BF #120	V12BI #120	V12BH #120	V12CF #120	V12CI #120	V12CH #120	V12SF #120	V12SI #120	V12SH #120
	No.140	106µm	V12BF #140	V12BI #140	V12BH #140	V12CF #140	V12CI #140	V12CH #140	V12SF #140	V12SI #140	V12SH #140
	No.170	90µm	V12BF #170	V12BI #170	V12BH #170	V12CF #170	V12CI #170	V12CH #170	V12SF #170	V12SI #170	V12SH #170
	No.200	75µm	V12BF #200	V12BI #200	V12BH #200	V12CF #200	V12CI #200	V12CH #200	V12SF #200	V12SI #200	V12SH #200
	No.230	63µm	V12BF #230	V12BI #230	V12BH #230	V12CF #230	V12CI #230	V12CH #230	V12SF #230	V12SI #230	V12SH #230
	No.270	53µm	V12BF #270	V12BI #270	V12BH #270	V12CF #270	V12CI #270	V12CH #270	V12SF #270	V12SI #270	V12SH #270
	No.325	45µm	V12BF #325	V12BI #325	V12BH #325	V12CF #325	V12CI #325	V12CH #325	V12SF #325	V12SI #325	V12SH #325
	No.400	38µm	—	V12BI #400	V12BH #400	V12CF #400	V12CI #400	V12CH #400	V12SF #400	V12SI #400	V12SH #400
	No.450	32µm	—	—	—	V12CF #450	V12CI #450	V12CH #450	V12SF #450	V12SI #450	V12SH #450
	No.500	25µm	—	—	—	V12CF #500	V12CI #500	V12CH #500	V12SF #500	V12SI #500	V12SH #500
	No.635	20µm	—	—	—	V12CF #635	V12CI #635	V12CH #635	V12SF #635	V12SI #635	V12SH #635
	Regular Pan		V12BFXPN	V12BIXPN	V12BHXPN	V12BFXPN	V12BIXPN	V12BHXPN	V12SFXPN	—	V12SHXPN
	Extended Rim Pan		V12BFXPE	V12BIXPE	V12BHXPE	V12BFXPE	V12BIXPE	V12BHXPE	V12SFXPE	V12SIXPE	V12SHXPE
	Regular Cover			V12BFXCV			V12BFXCV			V12SFXCV	
	Cover with Ring			V12BFXCR			V12BFXCR			V12SFXCR	

[1] Not a standard ASTM E 11 size.

8.5 ISO 200/300mm Test Sieves

ISO 200/300MM TEST SIEVES

	ISO 565, 3310-1	200mm				300mm	
		Stainless Cloth Brass Frame		Stainless Cloth Stainless Frame		Stainless Cloth Stainless Frame	
		Full Ht.	Half Ht.	Full Ht.	Half Ht.	Full Ht.	Half Ht.
COARSE SERIES	63.0mm	V200CF 63M	V200CH 63M	V200SF 63M	V200SH 63M	V300SF 63M	V300SH 63M
	56.0mm	V200CF 56M	V200CH 56M	V200SF 56M	V200SH 56M	V300SF 56M	V300SH 56M
	53.0mm	V200CF 53M	V200CH 53M	V200SF 53M	V200SH 53M	V300SF 53M	V300SH 53M
	50.0mm	V200CF 50M	V200CH 50M	V200SF 50M	V200SH 50M	V300SF 50M	V300SH 50M
	45.0mm	V200CF 45M	V200CH 45M	V200SF 45M	V200SH 45M	V300SF 45M	V300SH 45M
	40.0mm	V200CF 40M	V200CH 40M	V200SF 40M	V200SH 40M	V300SF 40M	V300SH 40M
	37.5mm	V200CF 37.5M	V200CH 37.5M	V200SF 37.5M	V200SH 37.5M	V300SF 37.5M	V300SH 37.5M
	35.5mm	V200CF 35.5M	V200CH 35.5M	V200SF 35.5M	V200SH 35.5M	V300SF 35.5M	V300SH 35.5M
	31.5mm	V200CF 31.5M	V200CH 31.5M	V200SF 31.5M	V200SH 31.5M	V300SF 31.5M	V300SH 31.5M
	28.0mm	V200CF 28M	V200CH 28M	V200SF 28M	V200SH 28M	V300SF 28M	V300SH 28M
	26.5mm	V200CF 26.5M	V200CH 26.5M	V200SF 26.5M	V200SH 26.5M	V300SF 26.5M	V300SH 26.5M
	25.0mm	V200CF 25M	V200CH 25M	V200SF 25M	V200SH 25M	V300SF 25M	V300SH 25M
	22.4mm	V200CF 22.4M	V200CH 22.4M	V200SF 22.4M	V200SH 22.4M	V300SF 22.4M	V300SH 22.4M
	20.0mm	V200CF 20M	V200CH 20M	V200SF 20M	V200SH 20M	V300SF 20M	V300SH 20M
	19.0mm	V200CF 19M	V200CH 19M	V200SF 19M	V200SH 19M	V300SF 19M	V300SH 19M
	18.0mm	V200CF 18M	V200CH 18M	V200SF 18M	V200SH 18M	V300SF 18M	V300SH 18M
	16.0mm	V200CF 16M	V200CH 16M	V200SF 16M	V200SH 16M	V300SF 16M	V300SH 16M
	14.0mm	V200CF 14M	V200CH 14M	V200SF 14M	V200SH 14M	V300SF 14M	V300SH 14M
	13.2mm	V200CF 13.2M	V200CH 13.2M	V200SF 13.2M	V200SH 13.2M	V300SF 13.2M	V300SH 13.2M
	12.5mm	V200CF 12.5M	V200CH 12.5M	V200SF 12.5M	V200SH 12.5M	V300SF 12.5M	V300SH 12.5M
	11.2mm	V200CF 11.2M	V200CH 11.2M	V200SF 11.2M	V200SH 11.2M	V300SF 11.2M	V300SH 11.2M
	10.0mm	V200CF 10M	V200CH 10M	V200SF 10M	V200SH 10M	V300SF 10M	V300SH 10M
	9.5mm	V200CF 9.5M	V200CH 9.5M	V200SF 9.5M	V200SH 9.5M	V300SF 9.5M	V300SH 9.5M
	9.0mm	V200CF 9M	V200CH 9M	V200SF 9M	V200SH 9M	V300SF 9M	V300SH 9M
	8.0mm	V200CF 8M	V200CH 8M	V200SF 8M	V200SH 8M	V300SF 8M	V300SH 8M
	7.1mm	V200CF 7.1M	V200CH 7.1M	V200SF 7.1M	V200SH 7.1M	V300SF 7.1M	V300SH 7.1M
	6.7mm	V200CF 6.7M	V200CH 6.7M	V200SF 6.7M	V200SH 6.7M	V300SF 6.7M	V300SH 6.7M
	6.3mm	V200CF 6.3M	V200CH 6.3M	V200SF 6.3M	V200SH 6.3M	V300SF 6.3M	V300SH 6.3M
	5.6mm	V200CF 5.6M	V200CH 5.6M	V200SF 5.6M	V200SH 5.6M	V300SF 5.6M	V300SH 5.6M
	5.0mm	V200CF 5M	V200CH 5M	V200SF 5M	V200SH 5M	V300SF 5M	V300SH 5M
	4.75mm	V200CF 4.75M	V200CH 4.75M	V200SF 4.75M	V200SH 4.75M	V300SF 4.75M	V300SH 4.75M
	4.50mm	V200CF 4.5M	V200CH 4.5M	V200SF 4.5M	V200SH 4.5M	V300SF 4.5M	V300SH 4.5M
FINE SERIES	4.00mm	V200CF 4M	V200CH 4M	V200SF 4M	V200SH 4M	V300SF 4M	V300SH 4M
	3.55mm	V200CF 3.55M	V200CH 3.55M	V200SF 3.55M	V200SH 3.55M	V300SF 3.55M	V300SH 3.55M
	3.35mm	V200CF 3.35M	V200CH 3.35M	V200SF 3.35M	V200SH 3.35M	V300SF 3.35M	V300SH 3.35M
	3.15mm	V200CF 3.15M	V200CH 3.15M	V200SF 3.15M	V200SH 3.15M	V300SF 3.15M	V300SH 3.15M
	2.80mm	V200CF 2.8M	V200CH 2.8M	V200SF 2.8M	V200SH 2.8M	V300SF 2.8M	V300SH 2.8M
	2.50mm	V200CF 2.5M	V200CH 2.5M	V200SF 2.5M	V200SH 2.5M	V300SF 2.5M	V300SH 2.5M
	2.36mm	V200CF 2.36M	V200CH 2.36M	V200SF 2.36M	V200SH 2.36M	V300SF 2.36M	V300SH 2.36M
	2.24mm	V200CF 2.24M	V200CH 2.24M	V200SF 2.24M	V200SH 2.24M	V300SF 2.24M	V300SH 2.24M
	2.00mm	V200CF 2M	V200CH 2M	V200SF 2M	V200SH 2M	V300SF 2M	V300SH 2M
	1.80mm	V200CF 1.8M	V200CH 1.8M	V200SF 1.8M	V200SH 1.8M	V300SF 1.8M	V300SH 1.8M
	1.70mm	V200CF 1.7M	V200CH 1.7M	V200SF 1.7M	V200SH 1.7M	V300SF 1.7M	V300SH 1.7M
	1.60mm	V200CF 1.6M	V200CH 1.6M	V200SF 1.6M	V200SH 1.6M	V300SF 1.6M	V300SH 1.6M
	1.40mm	V200CF 1.4M	V200CH 1.4M	V200SF 1.4M	V200SH 1.4M	V300SF 1.4M	V300SH 1.4M
	1.25mm	V200CF 1.25M	V200CH 1.25M	V200SF 1.25M	V200SH 1.25M	V300SF 1.25M	V300SH 1.25M
	1.18mm	V200CF 1.18M	V200CH 1.18M	V200SF 1.18M	V200SH 1.18M	V300SF 1.18M	V300SH 1.18M
	1.12mm	V200CF 1.12M	V200CH 1.12M	V200SF 1.12M	V200SH 1.12M	V300SF 1.12M	V300SH 1.12M
	1.00mm	V200CF 1M	V200CH 1M	V200SF 1M	V200SH 1M	V300SF 1M	V300SH 1M
	900µm	V200CF 900U	V200CH 900U	V200SF 900U	V200SH 900U	V300SF 900U	V300SH 900U
	850µm	V200CF 850U	V200CH 850U	V200SF 850U	V200SH 850U	V300SF 850U	V300SH 850U
	800µm	V200CF 800U	V200CH 800U	V200SF 800U	V200SH 800U	V300SF 800U	V300SH 800U
	710µm	V200CF 710U	V200CH 710U	V200SF 710U	V200SH 710U	V300SF 710U	V300SH 710U
	630µm	V200CF 630U	V200CH 630U	V200SF 630U	V200SH 630U	V300SF 630U	V300SH 630U
	600µm	V200CF 600U	V200CH 600U	V200SF 600U	V200SH 600U	V300SF 600U	V300SH 600U
	560µm	V200CF 560U	V200CH 560U	V200SF 560U	V200SH 560U	V300SF 560U	V300SH 560U
	500µm	V200CF 500U	V200CH 500U	V200SF 500U	V200SH 500U	V300SF 500U	V300SH 500U
	450µm	V200CF 450U	V200CH 450U	V200SF 450U	V200SH 450U	V300SF 450U	V300SH 450U
	425µm	V200CF 425U	V200CH 425U	V200SF 425U	V200SH 425U	V300SF 425U	V300SH 425U
	400µm	V200CF 400U	V200CH 400U	V200SF 400U	V200SH 400U	V300SF 400U	V300SH 400U
	355µm	V200CF 355U	V200CH 355U	V200SF 355U	V200SH 355U	V300SF 355U	V300SH 355U
	315µm	V200CF 315U	V200CH 315U	V200SF 315U	V200SH 315U	V300SF 315U	V300SH 315U
	300µm	V200CF 300U	V200CH 300U	V200SF 300U	V200SH 300U	V300SF 300U	V300SH 300U
	280µm	V200CF 280U	V200CH 280U	V200SF 280U	V200SH 280U	V300SF 280U	V300SH 280U
	250µm	V200CF 250U	V200CH 250U	V200SF 250U	V200SH 250U	V300SF 250U	V300SH 250U
	224µm	V200CF 224U	V200CH 224U	V200SF 224U	V200SH 224U	V300SF 224U	V300SH 224U
	212µm	V200CF 212U	V200CH 212U	V200SF 212U	V200SH 212U	V300SF 212U	V300SH 212U
	200µm	V200CF 200U	V200CH 200U	V200SF 200U	V200SH 200U	V300SF 200U	V300SH 200U
	180µm	V200CF 180U	V200CH 180U	V200SF 180U	V200SH 180U	V300SF 180U	V300SH 180U
	160µm	V200CF 160U	V200CH 160U	V200SF 160U	V200SH 160U	V300SF 160U	V300SH 160U
	150µm	V200CF 150U	V200CH 150U	V200SF 150U	V200SH 150U	V300SF 150U	V300SH 150U
	140µm	V200CF 140U	V200CH 140U	V200SF 140U	V200SH 140U	V300SF 140U	V300SH 140U
	125µm	V200CF 125U	V200CH 125U	V200SF 125U	V200SH 125U	V300SF 125U	V300SH 125U
	112µm	V200CF 112U	V200CH 112U	V200SF 112U	V200SH 112U	V300SF 112U	V300SH 112U
	106µm	V200CF 106U	V200CH 106U	V200SF 106U	V200SH 106U	V300SF 106U	V300SH 106U
	100µm	V200CF 100U	V200CH 100U	V200SF 100U	V200SH 100U	V300SF 100U	V300SH 100U
	90µm	V200CF 90U	V200CH 90U	V200SF 90U	V200SH 90U	V300SF 90U	V300SH 90U
	80µm	V200CF 80U	V200CH 80U	V200SF 80U	V200SH 80U	V300SF 80U	V300SH 80U
	75µm	V200CF 75U	V200CH 75U	V200SF 75U	V200SH 75U	V300SF 75U	V300SH 75U
	71µm	V200CF 71U	V200CH 71U	V200SF 71U	V200SH 71U	V300SF 71U	V300SH 71U
	63µm	V200CF 63U	V200CH 63U	V200SF 63U	V200SH 63U	V300SF 63U	V300SH 63U
	56µm	V200CF 56U	V200CH 56U	V200SF 56U	V200SH 56U	V300SF 56U	V300SH 56U
	53µm	V200CF 53U	V200CH 53U	V200SF 53U	V200SH 53U	V300SF 53U	V300SH 53U
	50µm	V200CF 50U	V200CH 50U	V200SF 50U	V200SH 50U	V300SF 50U	V300SH 50U
	45µm	V200CF 45U	V200CH 45U	V200SF 45U	V200SH 45U	V300SF 45U	V300SH 45U
	40µm	V200CF 40U	V200CH 40U	V200SF 40U	V200SH 40U	V300SF 40U	V300SH 40U
	38µm	V200CF 38U	V200CH 38U	V200SF 38U	V200SH 38U	V300SF 38U	V300SH 38U
	36µm	V200CF 36U	V200CH 36U	V200SF 36U	V200SH 36U	V300SF 36U	V300SH 36U
	32µm	V200CF 32U	V200CH 32U	V200SF 32U	V200SH 32U	V300SF 32U	V300SH 32U
	25µm	V200CF 25U	V200CH 25U	V200SF 25U	V200SH 25U	V300SF 25U	V300SH 25U
	20µm	V200CF 20U	V200CH 20U	V200SF 20U	V200SH 20U	V300SF 20U	V300SH 20U
	Pan	V200BF XPN	V200BH XPN	V200SF XPN	V200SH XPN	V300SF XPN	V300SH XPN
	Cover	V200B XCV	V200B XCV	V200S XCV	V200S XCV	V300S XCV	V300S XCV

8.6 Accessories

SSA-807

SSA-809 shown on SS-12R with Sieves

SSA-805R shown with SS-12R & Sieves

ACCESSORIES	
Description	**Model**
EZ-Clamp Upgrade Kit replaces the original clamping assemblies on older Gilson Tapping Sieve Shakers. Knurled knobs with push-button release, and slide freely up and down the clamp rods for smooth, easy clamping. Once in position, a quick twist tightly secures the sieve stack. When the test is complete, push the EZ-Clamp button and raise just enough to remove the stack. Upon release of the button, the clamps stay in place, ready for the next test. EZ-Clamp kits include free-sliding push-button knobs, an integral sieve cover and new clamp rods.	
EZ-Clamp Upgrade Kit for SS-15	SSA-806
EZ-Clamp Upgrade Kit for SS-8R	SSA-807
EZ-Clamp Upgrade Kit for SS-12R	SSA-809
Gilson Sound Enclosure controls noise and dust associated with SS-8R and SS-12R Sieve Shakers and other lab equipment. Sturdy painted steel case with full-width hinged doors is lined with 1in (25.4mm) of sound-attenuating foam. Outside Dimensions: 31x19x46in (800x500x1,200mm), WxDxH. Est. Ship Wt.: 75lb (34kg).	SSA-805R
Clean-N-Stor accessories are handy, time-saving devices for emptying, cleaning and weighing functions associated with sieving operations. Inverting an 8in or 200mm sieve on the stainless steel funnel allows quick emptying and cleaning of contents into a receiving scoop or pan. A sieve stack can also be stored on top of the funnel. A scoop and soft-bristle cleaning brush are included with all models. The SSA-801 attaches to the top of the SS-8R case. SSA-802 is a stand-alone model that can be positioned directly over an electronic balance, so sieve fractions can be weighed as the sieve is being cleaned. OBA-15R is an adjustable-height Clean-N-Stor version designed to fit over taller balances.	
Clean-N-Stor Attachment for SS-8R	SSA-801
Stand-Alone Clean-N-Stor	SSA-802
Adjustable-Height Clean-N-Stor	OBA-15R
Platform Adapters permit smaller diameter sieves to be used in SS-8R and SS-12R Gilson Tapping Sieve Shakers. Each adapter is designed to compensate for weight differences as well as frame diameter. SSA-810 and SSA-811 fit either sieve shaker, and must be used in conjunction with the included adapter when using with the SS-12R. The SSA-812 for 10in (254mm) sieves is for use with the SS-12R only.	
Platform Adapter for 3in (76.2mm) Sieves	SSA-810
Platform Adapter for 6in (152.4mm) Sieves	SSA-811
Platform Adapter for 10in (254mm) Sieves	SSA-812

SSA-801 shown with Sieves on SS-8R

SSA-802 shown with Sieve

SSA-811 shown with Sieves