

SIEVE SHAKER, TRIPLE MOTION (FROM 200 UP TO 450MM DIA)

MatCivTest
MATERIAL CIVIL TEST EQUIPMENT

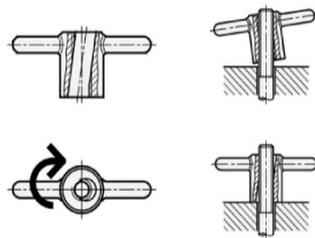
101-A0059-02 and 101-A059-04 SIEVE SHAKER, TRIPLE MOTION

A Sieve Shaker is used to shake or agitate a stack of sieves to separate particles based on their size. Sieves are mesh-like devices with uniform holes of different sizes. When a sample is placed on the top sieve and the stack is shaken, particles smaller than the openings in the sieve fall through, while larger particles remain on top. This process is commonly used in various industries and research fields to analyse particle size distribution in materials such as soil, aggregates, pharmaceuticals, and food products.

Unlike traditional sieve shakers that typically employ only vertical or horizontal motion, this design provides the triple motion sieve shaker that combines three types of motions: Vertical Motion, Horizontal Motion, and Rotational Motion.



Noise reduction Enclosure



HOW TO USE QUICK
RELEASE KNOB



Clamping Knob



Technical Specifications of Sieve Shaker, Triple Motion

Model Number	101-A0059-04	101-A0059-02
Accommodates / Sieves Diameter	11 nos 200 mm Dia. 9 nos 300 mm . 7 nos. 450 mm Dia.	10 Nos 200mm 9 Nos 300,
Timer	1 - 60 min	1 - 60 min
Approx. Dimension	585 (L) x 460 (W) x 1250 (H) mm	540 (L) x 460 (W) x 1230 (H) mm
Approx. Weight	105 kg	62 kg
Power	220 V, 1 ph, 1/2 Hp, 50 / 60 Hz, 375W	220~240 V, 400 W, 1 Ph, 50 / 60 Hz
Sieve Max Capacity		up to 10 nos.
Packing Dimension		640 (L) x 560 (W) x 1330 (H) mm

Features of Sieve Shaker, Triple Motion

- Triple Motion Functionality: Incorporates vertical, horizontal, and rotational motions to ensure thorough and efficient sieving.
- Variable Speed Control: Allows users to adjust the shaking intensity according to the specific requirements of their sample.
- Digital Timer: Enables precise control throughout the sieving process, ensuring consistency and repeatability.
- Low Noise Pollution
- Quick clamping & release mechanism hand knob
- Durable Construction: Built with robust materials to withstand continuous use in laboratory environments.

101-A0059-21

KNOBS for fast clamping/release of the upper beam.
Useful for fast vertical displacement of the beam.



101-0719C-Series

NOISE REDUCUTION CABINETS

For the sieve shakers 101-A0059 series.

Full head height enclosure allowing for a Plinth under the sieve shaker for better WSH working height.

This sieve shaker enclosure is an adaption of our CBR compactor enclosure. (shown here with a compactor inside)

Dimensions: 740x730x2000 mm

Weight: 80 kg approx.

Code	Internal mm			External mm (Excludes base flange)		
	830	630	2070	880	680	2100
101-0719C-06-KIT	830	630	2070	880	680	2100
101-0719C-07-KIT	710	700	2070	770	750	2100

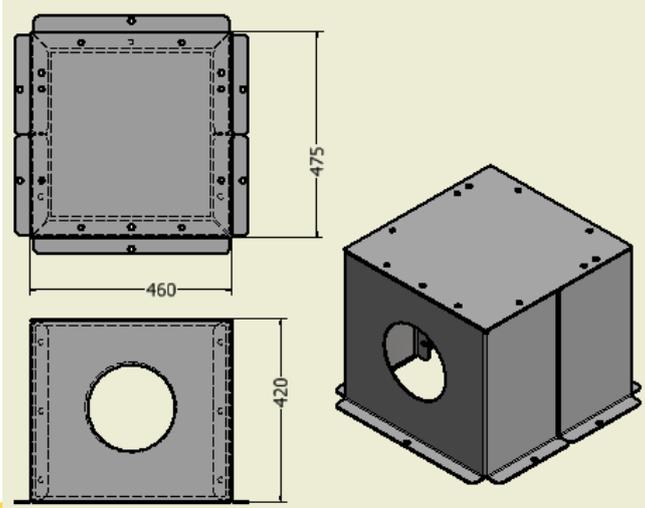
101-0679H SIEVE SHAKER BASE

Two sizes available to suit the range of sieve shakers available

- WPHS Consideration Working height of the lower Shaker Pan
Approx 850mm to reduce bending and back strain
 - For easy cleaning
 - * Top and side plates fully enclosed covers all surface openings
 - * Base Flange pre drilled to Bolt to Floor
 - Pre Drilled mounting holes for Sieve Shaker hold down.
- 101-0679H-02 Base shown here with our smaller B059-02 Sieve shaker



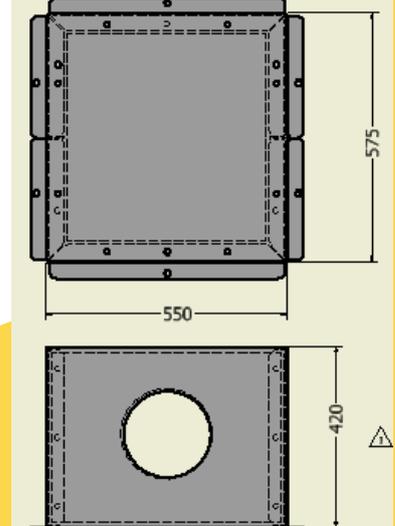
101-0679H-01 Base NOTE This photo is larger base for the Base for the B059-03 and B059-04 Sieve shakers shown here with our smaller B059-02 Sieve shaker for comparison purposes



101-0679H-02

SIEVE SHAKER BASE—Smaller series

Suite 101-A0059-01 and A059-02 Sieve Shakers



101-0679H-01

SIEVE SHAKER BASE—Larger series

Suite 101-A0059-03 and A0059-04 Shakers