

HIGH-CAPACITY SCREEN SHAKER with HYDRAULIC CLAMPING (G043)

Category: General



Product Code: G043

Category: GENERAL

Sub-Category: PARTICLE SIZE ANALYSIS

- The High-Capacity Screen Shaker with Hydraulic Clamping is engineered for precise determination of particle size distribution in fine and coarse materials, including aggregates and soils. It is particularly effective for larger particles such as crushed aggregates, pellets, coke, coal, slag, and ores, ensuring compliance with specification requirements and aiding in the control of aggregate product production.
 - Featuring a robust structure and an eccentric motor, the shaker provides hammer-effect sieving, allowing materials to pass through sieves without clogging.
 - The hydraulic clamping system facilitates easy and firm locking of up to six sieve trays, each measuring 457 x 660 mm, accommodating a material capacity of approximately 1 cubic foot (about 65 kg or 30 liters).
 - An optional noise reduction and safety cabinet (G043P001H) is available to enhance laboratory safety and comfort by reducing operational noise levels.
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STANDARDS

ASTM C136 • EN 932-5

TECHNICAL SPECIFICATIONS

- Material Capacity: 1 ft³ (~65 kg of aggregate)
- Sieve Tray Capacity: Up to 6 trays (457 x 660 mm)
- Drive Mechanism: Eccentric motor providing hammer-effect sieving
- Sieve trays and pan should be ordered separately
- Power Supply: 220-240 V, 50-60 Hz

EQUIPPED WITH

- Hydraulic clamping system for secure and efficient tray locking

ACCESSORIES

- Noise Reduction Cabinet can be ordered separately
- Sieve trays and pan (to be ordered separately)
- PC Software (ALFA Utilities – Particle Size Analysis®):
 - Draw Particle Size Distribution and Upper / Lower limits Curve
 - Unlimited Save / Recall Old Curve Data
 - Export Data to PFD, JPG, Excel, Text File
 - ALFA Cloud® Compatible
- ALFA Cloud® Subscription

ORDERING INFORMATION

Item	Code
HIGH CAPACITY SCREEN SHAKER (Hydraulic Clamping System)	G043X00XU
NOISE-REDUCTION and SAFETY CABINET for G043	G043P001H
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.045 mm (No.325)	S6W00045Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.050 mm	S6W00050Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.063 mm (No.230)	S6W00063Y

SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.075 mm (No.200)	S6W00075Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.080 mm	S6W00080Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.090 mm (No.170)	S6W00090Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.100 mm	S6W00100Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.106 mm (No.140)	S6W00106Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.125 mm (No.120)	S6W00125Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.150 mm (No.100)	S6W00150Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.160 mm	S6W00160Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.180 mm (No.80)	S6W00180Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.200 mm	S6W00200Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.212 mm (No.70)	S6W00212Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.250 mm (No.60)	S6W00250Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.300 mm (No.50)	S6W00300Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.315 mm	S6W00315Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.355 mm (No.45)	S6W00355Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.400 mm	S6W00400Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.425 mm (No.40)	S6W00425Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.500 mm (No.35)	S6W00500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.600 mm (No.30)	S6W00600Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.630 mm	S6W00630Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.710 mm (No.25)	S6W00710Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.800 mm	S6W00800Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 0.850 mm (No.20)	S6W00850Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.00 mm (No.18)	S6W01000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.18 mm (No.16)	S6W01180Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.25 mm	S6W01250Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.40 mm (No.14)	S6W01400Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.60 mm	S6W01600Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 1.70 mm (No.12)	S6W01700Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 2.00 mm (No.10)	S6W02000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 2.36 mm (No.8)	S6W02360Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 2.50 mm	S6W02500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 2.80 mm	S6W02800Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 3.15 mm	S6W03150Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 3.35 mm (No.6)	S6W03350Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 4.00 mm (No.5)	S6W04000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 4.75 mm (No.4)	S6W04750Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 5.00 mm	S6W05000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 5.60 mm (No.3 1/2)	S6W05600Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 6.30 mm (1/4")	S6W06300Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 6.70 mm (.265")	S6W06700Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 8.00 mm (5/16")	S6W08000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 9.50 mm (3/8")	S6W09500Y

SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 10.00 mm	S6W10000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 11.20 mm (7/16")	S6W11200Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 12.50 mm (1/2")	S6W12500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 13.20 mm (.530")	S6W13200Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 14.00 mm	S6W14000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 16.00 mm (5/8")	S6W16000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 19.00 mm (3/4")	S6W19000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 20.00 mm	S6W20000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 22.40 mm (7/8")	S6W22400Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 25.00 mm (1")	S6W25000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 26.50 mm (1.06")	S6W26500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 28.00 mm	S6W28000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 31.50 mm (1 1/4")	S6W31500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 37.50 mm (1 1/2")	S6W37500Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 40.00 mm	S6W40000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 45.00 mm (1 3/4")	S6W45000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 50.00 mm (2")	S6W50000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 53.00 mm (2.12")	S6W53000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 56.00 mm	S6W56000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 63.00 mm (2 1/2")	S6W63000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 75.00 mm (3")	S6W75000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 80.00 mm	S6W80000Y
SIEVE TRAY (Woven Wire), 457 mm x 660 mm , 90.00 mm (3 1/2")	S6W90000Y
PAN (Receiver)- 457 mm x 660 mm	S6XXP002Y

Keywords: High-capacity screen shaker, hydraulic clamping sieve shaker, particle size distribution analysis, aggregate sieving equipment, ASTM C136 compliance, EN 932-5 standard, laboratory screen shaker, coarse material sieving, eccentric motor sieve shaker, robust sieve shaker