

ELECTROMAGNETIC SIEVE SHAKER (G041)

Category: General



Product Code: G041

Category: GENERAL

Sub-Category: PARTICLE SIZE ANALYSIS

- The Electromagnetic Sieve Shaker is engineered to accurately determine the particle size distribution of fine and coarse materials, such as aggregates and soils, for particles larger than 75 µm.
 - Utilizing an electromagnetic drive, this shaker delivers consistent and standardized sieving action, minimizing operator variability and ensuring repeatable results.
 - The device accommodates up to eight full-height sieves and is available in three configurations to support 200 mm, 300 mm, and 450 mm diameter sieves, offering versatility for various testing requirements.
 - Equipped with an adjustable timer and vibration intensity settings, the shaker allows precise control over sieving duration and intensity to meet specific testing protocols.
 - An optional noise reduction cabinet 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

- Sieve Compatibility: 200 mm, 300 mm, and 450 mm diameter sieves
- Capacity: Up to eight full-height sieves
- TFT Touch Screen
- Adjustable Timer: Configurable sieving duration
- Vibration Intensity: Adjustable settings
- Drive Mechanism: Electromagnetic

EQUIPPED WITH

- Touch Screen with:
 - Built-in adjustable timer
 - Adjustable vibration intensity controls
- Easy-locking mechanism for secure sieve assembly

SUPPLIED WITH

- Easy-locking knobs

ACCESSORIES

- Noise Reduction Cabinet (G-041/SPC) can be ordered separately
- PC Software (ALFA Utilities - Particle Size Analysis ®):
 - Draw Particle Size Distribution Curve
 - Plot Upper and Lower limits for the 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
ELECTROMAGNETIC SIEVE SHAKER - Ø 200 mm	G041A20XU
ELECTROMAGNETIC SIEVE SHAKER - Ø 300 mm	G041A30XU
ELECTROMAGNETIC SIEVE SHAKER - Ø 450 mm	G041A45XU
ELECTROMAGNETIC SIEVE SHAKER, ANALOG - Ø 200 mm	G041M20XU
ELECTROMAGNETIC SIEVE SHAKER, ANALOG - Ø 300 mm	G041M30XU
ELECTROMAGNETIC SIEVE SHAKER, ANALOG - Ø 450 mm	G041M45XU
NOISE-REDUCTION and SAFETY CABINET for SIEVE SHAKER Ø 200 mm	G041P001H
NOISE-REDUCTION and SAFETY CABINET for SIEVE SHAKER Ø 300 mm	G041P002H
NOISE-REDUCTION and SAFETY CABINET for SIEVE SHAKER Ø 450 mm	G041P003H
SPARE FIBER PLATES SET for ELECTROMAGNETIC SIEVE SHAKERS	G041P004H
SPARE KNOB for SIEVE SHAKER	G041P005H
TOUCH SCREEN - 4.3" for G041	G041P006H
ELECTRONIC BOARD for G041	G041P007H
CLAMP PLATE for G041A45XU	G041P008H
MOTORIZED SIEVE SHAKER, ANALOG - Ø 200 mm	G042M20XU
MOTORIZED SIEVE SHAKER, ANALOG - Ø 300 mm	G042M30XU
MOTORIZED SIEVE SHAKER, ANALOG - Ø 450 mm	G042M45XU

Keywords: Electromagnetic sieve shaker, particle size analysis, aggregate sieving equipment, soil gradation testing, ASTM C136 compliance, EN 932-5 standard, laboratory sieve shaker, fine material sieving, coarse material analysis, adjustable vibration sieve shaker