GENERAL > PARTICLE SIZE ANALYSIS

MOTORIZED SIEVE SHAKER (Analog)

Code : G042



- The Motorized 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 a vibrating motor, 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.

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
- Adjustable Timer: Configurable sieving duration
- Vibration Intensity: Adjustable
- Drive Mechanism: Vibration Motor

EQUIPPED 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 can be ordered separately
- PC Software (ALFA Utilities - Particle Size Analysis):
    - Draw Particle Size Distribution Curve
    - Coefficient of Uniformity (Cu) and Coefficient of Curvature (Cc) which can be directly used in Soil Classification
    - Plot Upper and Lower limits for the curve
    - Unlimited Save / Recall Old Curve Data

- Export Data to PDF, Image, CSV, Excel, Text File
- ALFA Cloud ® Compatible

- ALFA Cloud ® Subscription

ORDERING INFORMATION

Item Name	Item Code
MOTORIZED SIEVE SHAKER, ANALOG - Ø 200 mm	G042M20XU
MOTORIZED SIEVE SHAKER, ANALOG - Ø 300 mm	G042M30XU
MOTORIZED SIEVE SHAKER, ANALOG - Ø 450 mm	G042M45XU