GENERAL > PARTICLE SIZE ANALYSIS

ELECTROMAGNETIC SIEVE SHAKER (Touch Screen)

Code : G041



- 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.

STANDARDS

ASTM C136 • EN 932-5

AVAILABLE MODELS

- Touch Screen
  - Adjustable Vibration Intensity through TFT Screen
  - Adjustable Timer with Preset Values through TFT Screen
- Analog
  - Adjustable Vibration Intensity through Potentiometer
  - Adjustable Mechanical Timer

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: 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 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
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
SPARE DISPLAY PANEL (4.3") for G041A	G041P006H
ELECTRONIC BOARD (PCB) for G041	G041P007H
CLAMP PLATE for G041A45XU	G041P008H

OTHER PHOTOS



