

# ELECTROMAGNETIC SIEVE SHAKER

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  $\mu\text{m}$ .
- 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

## **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