GENERAL EQUIPMENT

Electromagnetic Sieve Shaker



The Electromagnetic Sieve Shaker is designed for precise determination of particle size distribution of fine and coarse materials, including aggregates and soils, for particle sizes larger than 75 µm.

Driven by an advanced electromagnetic system, the shaker provides uniform and standardized sieving motion, minimizing operator influence and ensuring high repeatability and reproducibility of test results.

The unit accommodates up to eight full-height sieves and is available in three configurations compatible with 200 mm, 300 mm, and 450 mm diameter sieves, offering flexibility for a wide range of laboratory applications.

An integrated adjustable timer and variable vibration intensity control enable accurate regulation of sieving time and amplitude in accordance with international testing standards.

For improved laboratory ergonomics and safety, an optional soundproof enclosure is available to significantly reduce operational noise levels.

Related Standards

ASTM D6913 / D6913M, ASTM C136, ASTM E11, ISO 3310-1, ISO 3310-2, ISO 565, ISO 17892-4, EN 933-1, EN 933-2, ISO 20290-5.

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