END-OVER-END SHAKER (Motorized)

Code : T251M



- The Motorized Mechanical End-Over-End Shaker is designed to homogenize fine soil specimens mixed with water, ensuring consistent and repeatable agitation.
- This apparatus is essential for performing sedimentation analyses, such as the hydrometer method, to determine the particle-size distribution of soil samples finer than the 75-µm sieve.
- Capable of holding two gas jars simultaneously, the shaker operates at approximately 50 rotations per minute, providing uniform mixing in compliance with BS 1377-2 standard.
- When used in conjunction with the Hydrometer Test Set, the shaker facilitates the analysis of fine-grained soil fractions, delivering results as mass percent finer versus the logarithm of particle diameter.

STANDARDS

BS 1377-2

TECHNICAL SPECIFICATIONS

- Rotation Speed: ~50 rpm
- Capacity: Holds 2 gas jars or cylinders (purchased separately)
- Power Supply: 220–240 V / 50–60 Hz

ORDERING INFORMATION

Item Name	Item Code
MECHANICAL END-OVER-END SHAKER [60 Hz]	T251M001K
MECHANICAL END-OVER-END SHAKER [50 Hz]	T251M001T
SOIL HYDROMETER (ASTM, 151H, 0.995 to 1.038 div. 0.001 g/mL)	T251P001H
SOIL HYDROMETER (ASTM, 152H, -5 to +60 g/L)	T251P002H
HIGH SPEED STIRRER	T251P003U
TEMPERATURE-CONTROLLED HYDROMETER BATH	T251P004U
SOIL HYDROMETER (BS, Casagrande, 0.995 to 1.030 div. 0.0005 g/mL)	T251P005H
HYDROMETER SET	T251X00AH