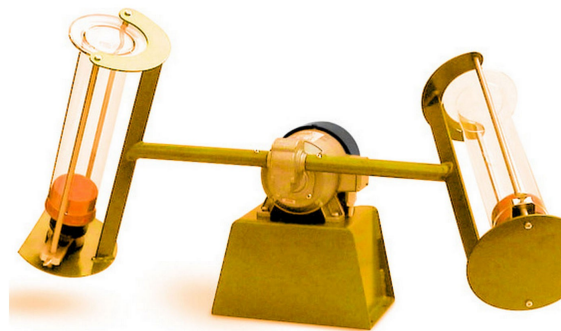


## MOTORIZED MECHANICAL END-OVER-END SHAKER

Code : T251M001



- 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- $\mu\text{m}$  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	Code
MECHANICAL END-OVER-END SHAKER [60 Hz]	T251M001K
MECHANICAL END-OVER-END SHAKER [50 Hz]	T251M001T
SOIL HYDROMETER - 151 H (0.995 to 1.038 g/ml)	T251P001H
SOIL HYDROMETER - 152 H (-5 to +60 g/l)	T251P002H
HIGH SPEED STIRRER	T251P003U
TEMPERATURE-CONTROLLED HYDROMETER BATH	T251P004U
HYDROMETER SET	T251X00AH
SODIUM HEXAMETAPHOSPHATE	G811X00XH
BOUYOCOS CYLINDER (Gas Jar) - 1205 ml	W011G01KH
GLASS BEAKER - 150 ml	W001G150H