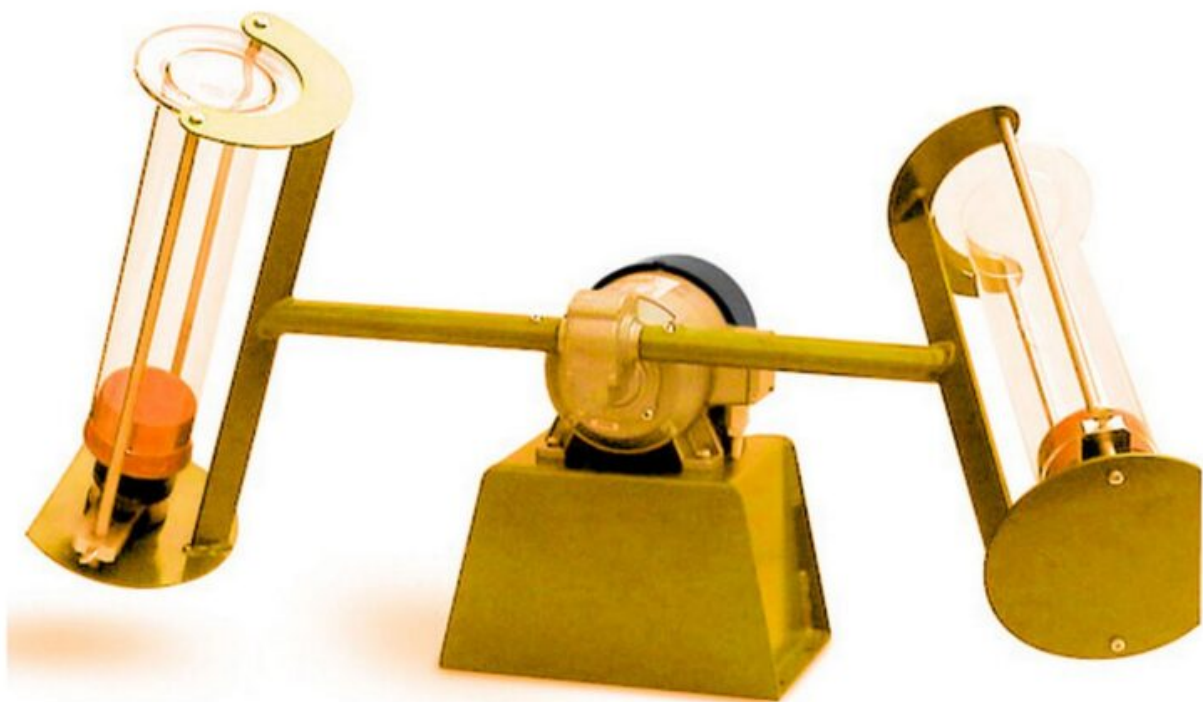


MOTORIZED MECHANICAL END-OVER-END SHAKER (T251M001)

Category: General



Product Code: T251M001

Category: GENERAL

Sub-Category: PARTICLE SIZE ANALYSIS

- 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- μ 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 standards.
- 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 (purchased separately)
- Power Supply: 220-240 V / 50-60 Hz

ORDERING INFORMATION

| Item | Code |
|---|-----------|
| MECHANICAL END-OVER-END SHAKER | T251M001T |
| MECHANICAL END-OVER-END SHAKER [60 Hz] | T251M001K |
| HYDROMETER SET | T251X00AH |
| SOIL HYDROMETER - 151 H (0.995 to 1.038 g/ml) | T251P001H |
| SOIL HYDROMETER - 152 H (-5 to +60 g/lt) | T251P002H |
| HIGH SPEED STIRRER | T251P003U |
| TEMPERATURE-CONTROLLED HYDROMETER BATH | T251P004U |

Keywords: Motorized end-over-end shaker, soil sample agitation equipment, hydrometer analysis shaker, BS 1377-2 compliance, soil particle-size distribution, sedimentation analysis equipment, laboratory soil mixer, fine-grained soil testing, soil homogenization apparatus, geotechnical laboratory equipment