



Product Overview

The Liquid Limit Device (Motorized) is designed for determining the liquid limit of soil samples in accordance with standard laboratory testing procedures. The device features a motorized operating system for improved consistency, precision-engineered components, and durable construction suitable for geotechnical and educational laboratories.

Technical Specifications

Parameter	Details
Product Name	Liquid Limit Device (Motorized)
Cup	Removable spun brass cup with a pin and slot mounting
Base	Mold hard rubber base, designed to provide specific rebound characteristics, with rubber feet to isolate from the work surface
Drop Height	10 mm (0.394 inches) measured from the lowest point of the cup to the base, adjustable via a thumb screw in the back
Operating Speed	Motorized models operate at a speed of 120 drops/min for improved consistency
Counter	Mechanical, built-in counter to count the number of blows
Grooving Tools	Supplied with standard grooving tools for ASTM or AASHTO methods (plastic or brass)
Manual Operation	Hand-cranked operation
Resilience Tester	Used for checking the hardness/rebound of the base

Features

- Motorized operation for consistent and accurate testing
- Precision removable spun brass cup with pin and slot mounting

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Hard rubber base designed for specified rebound characteristics
- Adjustable drop height mechanism for accurate calibration
- Built-in mechanical counter for blow count monitoring
- Supplied with ASTM/AASHTO compatible grooving tools
- Rubber feet minimize vibration transfer to the work surface
- Includes resilience tester for checking base hardness and rebound characteristics
- Suitable for soil mechanics, geotechnical, and educational laboratory applications



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