| Product name: | Product code: |
| --- | --- |
| Digital Liquid Limit Device with Casagrande Cup Counter | CMI-IND-0004 |




## Description

Motor-driven Casagrande liquid limit machine with electronic blow counter for consistent Atterberg limit testing of fine-grained soils. Used in highway material labs and soil classification work.

## Technical specification

| | |
|---|---|
| Base | Ebonite, Shore A 80-90 |
| Standards | IS 2720 Part 5, ASTM D4318 |
| Power supply | 230 V AC, 50 Hz |

**Standard Accessories**

- Casagrande grooving tool
- ASTM grooving tool
- Height gauge block

The device raises and drops a brass cup 10 mm at two drops per second, and an electronic counter registers each blow, removing operator counting errors. Soil plasticity data obtained helps classify soils for road subgrades and earthen structures. The ebonite base meets standard hardness requirements.

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**Features**

- Motorised cam drive at 2 blows per second
- Digital preset counter with auto stop
- Hardened brass cup with adjustable height gauge
- Hard rubber base of 80-90 Shore A hardness
- Grooving tools for casagrande and ASTM types included

**Technical Specifications**

| | |
|---|---|
| Cup drop height | 10 mm +/- 0.2 mm |
| Drop rate | 2 blows per second |
| Counter range | 0 to 999 blows |
| Cup material | Hard brass |