



THE LAB EQUIPMENT

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**Product Name :**

Liquid limit devices (Casagrande)

**Product Code :**

SLE/CE/66



## Description :

### Specification:

- The cup can be adjusted for a fall of 1 cm and can be raised and dropped on a rubber base of standard hardness by cam action.
- Complete with one Casagrande grooving tool, one ASTM grooving tool and a height gauge block.
- A counter to register the number of blows.
- For determination purpose liquid limit is that water content at which a part of soil, cut by a groove of standard dimensions, will flow together for a distance of 1.25cm under an impact of 25 blows in a standard liquid limit apparatus.
- The soil at the water content has some strength which is about 0.17N/cm. sq. (17gms/sq.cm.).
- At this water content soil just passes from liquid state to plastic state.
- It consists on a brass cup held on an adjustable bracket.

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