Product name:	Product code:
Automatic Plastic Limit Rolling Device for Soil	CMI-IND-0002

Description

Motorised rolling device that rolls soil threads to a controlled 3 mm diameter at constant speed to find the plastic limit of fine-grained soils. Used in highway, foundation and soil classification labs.

Technical specification

- 3 mm gauge rod
- Spare glass plates
- Moisture cans

A glass plate carrier moves at a constant rate under a weighted upper plate so the soil thread is rolled uniformly until it crumbles at 3 mm. This removes the operator variation of hand rolling and improves plastic limit repeatability. The device is paired with a liquid limit device to give plasticity index.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Reciprocating rolling at 80 to 90 strokes per minute
- Frosted glass lower plate and upper roller plate
- 3 mm diameter thread gauge rod
- Digital stroke counter with timer
- Compact bench design

Technical Specifications

Stroke rate	80 to 90 strokes/min
Stroke length	100 mm
Target thread diameter	3 mm
Lower plate	Frosted glass 200 x 300 mm
Upper plate	Glass with weighted holder
Standards	IS 2720 Part 5, ASTM D4318, BS 1377 Part 2
Power supply	230 V AC, 50 Hz, 0.1 kW

Standard Accessories