Product name:	Product code:
Polished Stone Value Accelerated Polishing Machine	CMI-IND-0016

Description

Accelerated polishing machine that simulates tyre wear on road aggregates, used with a pendulum tester to derive the polished stone value for skid resistance. Used by highway research labs.

Technical specification

- Specimen moulds
- Contact tyre
- Abrasive feeders

Prepared aggregate specimens are mounted on a wheel and polished by a rubber-tyred wheel with emery and corn flour abrasives for fixed hours. The resulting PSV indicates long-term skid resistance of surfacing stone. The machine is essential for qualifying aggregates for wearing courses.

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Features

- Rotating road wheel carrying 14 curved specimens
- Rubber tyred contact wheel with controlled load
- Automatic feed of emery and water
- Digital timer with auto stop
- Rugged cast iron frame

Technical Specifications

Specimen capacity	14 moulds per wheel
Road wheel speed	320 +/- 5 rpm
Contact load	725 +/- 10 N
Abrasive feed	Emery flour and corn emery, water
Test duration	3 hours each abrasive stage
Standards	BS EN 1097-8, BS 812-114, IS 2386
Power supply	415 V, 3 phase, 50 Hz

Standard Accessories