Product name:	Product code:
Wheel Tracking Rut Tester for Asphalt Slabs	CMI-IND-0030

Description

Loaded wheel tracking machine that measures rutting resistance of asphalt slabs and cores under repeated passes at controlled temperature. Used for qualifying pavement mixes and polymer modified binders.

Technical specification

- Two slab moulds
- Rubber tyre
- Data logging software

A loaded rubber or steel wheel travels back and forth over a heated asphalt slab, and rut depth is logged against passes. Results show the permanent deformation resistance of a mix at design temperature. The enclosed chamber maintains test temperature up to 70 deg C.

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Features

- Reciprocating wheel at 42 passes per minute
- LVDT rut depth logging at 0.01 mm
- Temperature-controlled chamber to 70 deg C
- Adjustable wheel load up to 700 N
- Dual slab moulds for simultaneous testing

Technical Specifications

Slab size	300 x 300 x 50 mm (up to 100 mm thick)
Wheel load	700 +/- 5 N
Pass rate	42 +/- 1 passes/min
Chamber temperature	Ambient to 70 deg C, +/- 1 deg C
Rut depth range	0 to 30 mm, 0.01 mm resolution
Standards	EN 12697-22, AASHTO T324, BS 598-110
Power supply	230 V AC, 50 Hz, 3.5 kW

Standard Accessories