Product name:	Product code:
Superpave Gyratory Compactor for Asphalt Mixes	CMI-IND-0029

Description

Servo-hydraulic gyratory compactor that densifies hot mix asphalt specimens at a fixed gyration angle for mix design and volumetric analysis. Used in highway QC labs and asphalt plant laboratories.

Technical specification

- 150 mm mould with base plate
- Specimen extruder
- Calibration load cell kit

The compactor applies a constant vertical pressure of 600 kPa while the mould gyrates at 1.16 deg, recording specimen height at each gyration. Data is used to determine design asphalt content, air voids and compaction characteristics. The machine accepts 100 mm and 150 mm moulds.

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Features

- Fixed 600 kPa ram pressure with servo control
- Gyration rate 30 rpm with count preset
- Automatic height recording on every gyration
- Touchscreen controller with report output
- Supports 100 mm and 150 mm moulds

Technical Specifications

Mould sizes	100 mm and 150 mm
Compaction pressure	600 +/- 18 kPa
Gyration angle	1.16 +/- 0.02 deg (external)
Gyration speed	30 +/- 0.5 rpm
Height resolution	0.01 mm
Standards	AASHTO T312, ASTM D6925, EN 12697-31
Power supply	230 V AC, 50 Hz, 3 kW

Standard Accessories