Product name:	Product code:
Gravelometer Stone Chip Resistance Test Apparatus	CMI-IND-0405

Description

Pneumatic gravelometer that hurls standard gravel at painted panels to assess chip resistance of automotive coatings. Used by paint suppliers and body shops for primer and clearcoat approval.

Technical specification

- Standard gravel 5 kg
- Panel holder
- Pressure regulator

A measured volume of angular gravel is fired by compressed air at a painted panel held at a fixed angle in a cooled test chamber. Panels are then rated for chip size and number against standard photographs to compare coating systems for lower body panels and sills.

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Features

- Gravel hopper feeding a controlled blast nozzle
- Panel holder at 90 degrees to the gravel stream
- Air pressure regulator and gauge for 70 kPa blast
- Collection tray and dust cover for used gravel
- Adjustable panel distance from the nozzle

Technical Specifications

Gravel quantity	0.47 litres per test
Gravel size	9.5 to 16 mm, water-worn
Air pressure	70 +/- 5 kPa (0.7 bar)
Panel size	100 x 300 mm
Impact angle	90 degrees
Construction	Mild steel, powder coated
Standards	SAE J400, ASTM D3170, ISO 20567-1
Air supply	6 bar compressed air

Standard Accessories