Product name:	Product code:
Seat Foam Cushion Constant Force Pounding Fatigue Tester	CMI-IND-0410

Description

Pounding fatigue tester that repeatedly compresses automotive seat foam with a flat indentor to measure loss of thickness and hardness. Used by polyurethane foam makers and seat suppliers.

Technical specification

- Indentor plate
- Template for specimen
- Load cell

A 250 mm indentor presses the foam block thousands of times at a set rate while thickness and load are measured. Hardness loss and height loss after the cycles show whether the foam will keep its comfort in vehicle service.

Features

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

- Pneumatic or hydraulic indentor with fixed cycle rate
- Cycle counter preset up to 80,000 cycles
- Perforated platen for air release from the foam
- Height measurement by digital linear scale
- Optional hardness check at 40 percent compression

Technical Specifications

Indentor diameter	250 mm
Test frequency	70 cycles per minute
Cycle count	0 to 99,999 preset
Compression force	Up to 750 N
Specimen size	380 x 380 x 100 mm
Thickness resolution	0.01 mm
Standards	ASTM D3574 fatigue, IS 7888, ISO 3385
Power	230 V AC, 50 Hz, with 6 bar air

Standard Accessories