Product name:	Product code:
Safety Footwear Toe Cap Impact Tester	CMI-IND-0367

Description

Falling mass tester that drops a striker onto steel toe caps to measure clearance under impact. Used in safety shoe manufacture and certification. It checks that toe protection survives a 200 J strike while leaving enough room.

Technical specification

- Clay plugs
- Shoe holder
- Height gauge

A 20 kg striker falls from a height to give 200 J impact over the toe of a safety shoe. A clay plug measures remaining clearance after impact, which must exceed 14 mm to 20 mm.

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Features

- Striker mass 20 kg
- 200 J energy
- Guide rails with electromagnetic release
- Clay plug fixture
- Shoe holder

Technical Specifications

Impact energy	200 J +/-4 J
Striker mass	20 +/-0.2 kg
Drop height	approx. 1.02 m
Striker edge	Steel 25 mm
Clearance measure	Clay cylinder
Anvil	Steel 100 kg
Power	230 V AC, 50 Hz
Standards	ISO 20344, EN ISO 20345, IS 15298

Standard Accessories