NAUGRA®

Product name:	Product code:
Cable Insulation and Sheath Tensile Testing Machine	CMI-IND-0336



Description

Small tensile tester with long-travel grips for elongation of cable insulation and sheath dumbbells. Used in polymer compound labs at cable plants. Tests can be run on both unaged and oven-aged samples for compound approval.

Technical specification

Grips	Pneumatic wedge, 6 bar
Power	230 V AC, 50 Hz
Standards	IEC 60811-501, IS 10810 Part 7

Standard Accessories

- Dumbbell die
- Pneumatic grips
- Thickness gauge

Dumbbell or tubular specimens cut from insulation are stretched at 250 mm/min. A video or laser extensometer measures elongation to break, giving tensile strength and elongation values per cable standards.

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Features

- 5 kN load cell
- Long travel up to 800 mm
- Pneumatic grips for slippery compounds
- Aged and unaged comparison reports
- Speed 25 to 500 mm/min

Technical Specifications

Capacity	5 kN
Accuracy	+/-0.5% of reading
Crosshead travel	800 mm
Speed	1 to 500 mm/min
Extensometer	Laser or optical, up to 600%