Product name:	Product code:
Hydrogen Embrittlement Sustained Load Test Frame for Fasteners	CMI-IND-0416

Description

Sustained load rig that holds fasteners at a set percentage of tensile strength for 200 hours to check for delayed fracture after plating. Used by plating houses and high-strength bolt suppliers.

Technical specification

- Fastener holders
- Load verification cell
- Timer unit

Fasteners are tensioned through a lever or spring column and left for 200 hours at constant load, while a failure detector records any fracture. The test confirms whether electroplating and baking have prevented hydrogen embrittlement.

Features

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- Eight-position lever loading frame
- Spring-loaded stations with automatic timer
- Failure detect switch and alarm per station
- Load tuned with digital load cell for calibration
- Sturdy steel base with rubber feet

Technical Specifications

Stations	8 independent
Load per station	Up to 200 kN
Fastener size	M6 to M24
Hold duration	Up to 300 hours preset
Load accuracy	+/- 1 percent
Alarm	Audible and LED for each station
Standards	ASTM F519, ISO 15330, ASTM F1624
Power	230 V AC, 50 Hz

Standard Accessories