

Electronic Flex Fold Tester for Coating Anchorage

This tester determines the mechanical stability of coating materials' anchorage to the backing fabric, using flexing and folding. It accurately measures and controls the folding and flexing motion, providing reliable data on material fatigue and durability.



Overview

Electronic Flex Fold Tester

The Electronic Flex Fold Tester is a specialized instrument designed to evaluate the mechanical stability of coating materials when applied to backing fabrics. It assesses how well coatings remain anchored under repeated flexing and folding conditions, which is critical for material durability. This tabletop unit offers precise control over testing parameters, making it an essential tool for quality control and research in the automotive and materials industries.

Standards & Compliance

Supported Standards

Chrysler LP-463LB-9-01, Chrysler LP-463KB-13-01, Chrysler LP-463KB-10-01, IFAI J1531, CS-273-65

Technical Specifications

Testing Capacity

3 count

Flex Specimens

1 count

Fold Sample

Performance Parameters

Parameter	Value
Stroke Length	2.75 inch
Stroke Rate	35 CPM
Tension Load	8 lbs (Adjustable)
Pressure Plate Load	641 N (12 lbf)

Physical Dimensions

36 x 12 x 22 inches (L x D x H)

Clamp Separation

152 mm

Specimen Requirements

Specimen Sizes

- Flex: 76 x 203 mm (3 x 8 inches)
- Fold: 129 x 129 mm (5 x 5 inches)

Instrumentation

Counter System

Electronic 6-digit cycle counter with reset