

Low Temperature Folding Tester for Material Cold Crack Resistance

This cold fold tester measures the resistance to cold cracking of soft trim materials. It is applied to the cold fold test based on the Chrysler method.



Product Overview

Precision Cold Crack Resistance Testing

This specialized folding tester is engineered to evaluate the cold-resistant folding performance of soft trim materials, ensuring reliability in automotive and industrial applications. By simulating rigorous real-world conditions, it measures a material's ability to withstand repeated folding at low temperatures. The instrument features a robust construction with precision mechanical components, offering consistent and repeatable test data for quality control.

Technical Specifications

Key Test Parameters

-29 °C Test Temperature	90 cycles/min Test Speed	2 units Number of Stations
-----------------------------------	------------------------------------	--------------------------------------

Mechanical Dimensions

Parameter	Value
Plates Open	32 mm
Plates Closed	3 mm
Holder Width	e51mm
External Dimensions	12 x 10 x 5.5 inches
Weight	21 kg (46 lb)

Test Standard	LP-463-KB-28-01 Method A
---------------	--------------------------

Features & Construction

System Capabilities

- Precision ball and needle bearings
- Cold temperature capable operation
- Programmable count-up controller with automatic stop
- Adjustable test speed controls
- 4-digit cycle counter

Materials & Finish	Non-corrosive Aluminum, Stainless Steel, Powder Coat Finish, Anodized Finish
--------------------	--

Certifications

Compliance & Standards

CE Certified • ISO 9001:2000 • SGS Compliant