

Sewn Seam Dynamic Fatigue Tester for Footwear

This seam fatigue tester is a bench-top machine with two stations. It evaluates the resistance of fabric or leather seating materials to tearing or needle hole elongation of a sewn seam.



Product Overview

Dynamic Fatigue Testing for Footwear Seams

This two-station benchtop tester is designed to evaluate the durability of fabric and leather sewn seams in footwear. By simulating real-world wear and tear, it precisely measures resistance to tearing and needle hole elongation. The system features a programmable controller with automatic stop and adjustable parameters to ensure high repeatability and testing accuracy.

Technical Specifications

Number of Stations	2
Standard Clamp Separation	140 mm
Construction Materials	Aluminum, Stainless Steel
Finish	Powder Coat, Anodized

Operational Features

Control Features

- Programmable count-up controller
- Automatic test stop
- Adjustable jog controls
- Adjustable test speed controls
- Adjustable weight shelf height
- Adjustable clamp separation distance

Safety & Compliance

Safety Equipment

- Vented Protective Cover
- Pinch point protection

Certifications

CE • ISO 9001:2000