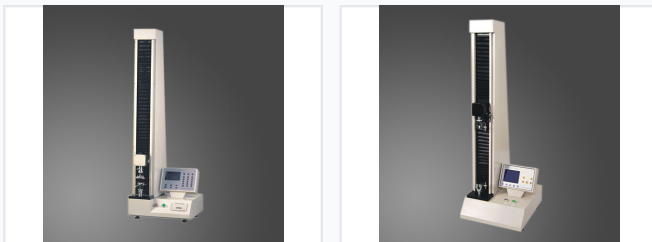


ASTM D882 Electronic Film Tensile Tester

This electronic tensile tester assesses physical and mechanical properties of materials like plastic films, flexible packaging, rubber, and paper fiber. It performs tests to measure tensile strength and elongation.



ADDITIONAL IMAGES



Product Overview

Precision Tensile Testing for Flexible Materials

The Electronic Film Tensile Tester is a high-precision instrument engineered for evaluating the physical and mechanical properties of thin plastic sheeting, films, and flexible packaging. It is an essential tool for quality control and research in the food, pharmaceutical, and cosmetic industries, providing accurate measurements for tensile strength, elongation, and modulus of elasticity. With its robust frame and integrated digital control system, this device ensures repeatable and reliable data acquisition for diverse material characterization needs.

Standards & Compliance

Compliance Standards

ASTM D828-1997(2002), ASTM D882-09, ASTM D1938-2006, ASTM D3330, ASTM F88-06, ASTM F904-08, JIS P8113-1998, YBB00112003, YBB00102003, YBB00132002

Applications & Capabilities

Supported Test Types

- Tensile strength
- Peeling
- Deformation
- Tearing
- Heat seal strength
- Adhesive properties
- Puncture force

Suitable Materials

Plastic films • Laminated materials • Flexible packaging • Adhesives/Tapes • Release paper • Protective film • Non-woven • Rubber • Paper fiber