

Anti-Drilling Pile Tester with Friction Method

This anti-drilling pile tester employs a friction method to assess the resistance of materials to drilling. The instrument provides accurate measurements of a material's ability to withstand penetration and damage from drilling forces.



Product Overview

Precision Down-Proof Testing

This Anti-Drilling Pile Tester is engineered to assess the down-proof properties of fabrics using a rigorous impact method. By simulating the compression and friction experienced by materials like duvets and down jackets, it provides reliable data on a fabric's resistance to feather penetration. The system features a robust steel frame and precise mechanical controls to ensure consistent, repeatable testing results for quality assurance.

Technical Specifications

Impact Rod Dimensions

80 mm

Length

15 mm

Diameter

Impact Plate Configuration

- Fixed plate with center impact pin
- Movable plate with three impact pins
- Impactors arranged at 120° angle
- 95 mm distance between impactors

Impact Frequency

35 times/min

Standards & Compliance

Applicable Standards

BS EN 12132-2

Certifications

CE, ISO 9001:2000

Operational Features

Mechanism

Crank joystick mechanism

Counter Features

Preset number of revolutions with full turn stop function

Construction

Frame Structure

Steel