

Slope Stability Assessment Tester

This slope stability tester applies to the stability of activity toys with a free height of fall of 600 mm or less. The toy is loaded in the most onerous position with a mass of 50 kg, 0.5 kg on its standing or sitting surface for 5 min.



Product Overview

Professional Slope Stability Assessment

This Slope Stability Assessment Tester is a specialized instrument designed for evaluating the safety and structural integrity of activity toys. By simulating various load conditions on an incline, it allows for precise verification of stability standards in compliance with international safety requirements. It is an essential tool for quality control in manufacturing and laboratory environments.

Technical Specifications

Slope Angle	10° ± 1°
Test Load (Standard)	50 kg
Test Load (Under 36 Months)	25 kg

Compliance and Standards

Applicable Standards	EN71, ISO8124
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Operational Details

Testing Methodology

- Place toy on 10° slope in the most onerous position
- Apply load for a duration of 5 minutes
- Assess stability for multiple-occupant configurations
- Observe for potential tip-over scenarios