

Kinetic Energy Tester for Impact Resistance Measurement

This kinetic energy tester assesses the potential risk of accidents caused by the ejection of non-exclusive materials. It is designed for precise measurement of kinetic energy, featuring a digital display and options for external and internal sensors.



ADDITIONAL IMAGES



Overview

Precision Impact Testing

The Kinetic Energy Tester is a specialized instrument designed for measuring the kinetic energy of projectiles or moving objects, making it essential for safety testing in toy manufacturing and material science. By evaluating impact resistance and energy absorption properties, this device helps manufacturers identify potential risks associated with ejected materials. It provides precise velocity and energy data to ensure products meet rigorous international safety standards.

Technical Specifications

Power Supply

220 V

Voltage

50 Hz

Frequency

Performance Ranges

Parameter	Range
Time Display	0.000001 - 15.000000 s
Speed Display	0.007 - 10000.000 m/s

Compliance Standards

ASTM F963-03, EN-71-03, ISO8124

Sensor & Interface

Input Channels	Internal and optional external channels
Sensor Distance	152 mm
External Sensor Adjustment Range	30 - 480 mm