CME
RELIABILITY TESTING SOLUTIONS

Technical Specifications

KRD100 Series Incline Impact Tester



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KRD100 series incline impact tester simulates the ability of product packaging to resist shock damage in the actual environment, such as handling, stacking of shelves, sliding of motors, loading and unloading of locomotives, product transportation, etc. This machine can also be used as a common test equipment for scientific research institutions, colleges and universities, packaging technology test centers, packaging materials manufacturing plants, and foreign trade, transportation and other departments to conduct incline impact test.

- Flexible low-damping tackle, high repetition accuracy, to achieve the required speed change value.
- High-strength and low-friction profile guide rails are beneficial to the accurate free sliding of the block.
- For heavy-duty test products, the horizontal rotation mechanism of the composite pulley table can be added to facilitate the user to install the test pieces.
- Hard wooden or iron sliding table, effectively protect the surface of the test piece.
- Complete control and measurement system, simple and convenient operation, integrated control and measurement.
- Unique lifting and release methods, with obvious advancement and reliability.
- During installation, the customer only needs to fix the machine on the ground, without other complicated operations or installation.

Technical Specifications

Model / Parameters	KRD100—100	KRD100—200	KRD100—300	KRD100—500	KRD100—1000	KRD100—2000	KRD100—3000
Max Load (kg)	100	200	300	500	1000	2000	3000
Working Table Size (mm)	1100×1100		1300×1300		1800×1800	2000×2000	2200×2200
Shock Panel Size (mm)	1600×2000		2100×2000		2000×2200	2400×2400	2600×2600
Shock Velocity Range (m/s)	1.2～3.87				0.59～2.35		
Incline Angle	10°±1°						
Shock Velocity Error	≤±5%						
Power Supply	3-phase AC380V±10% 50Hz						
Working Environment	Temperature range 0 ~ 40℃, Humidity≤80% (non-condensing)						
Installation Condition	Special foundation or embedded chemical anchor bolts or expansion bolts on the leveled concrete floor						
Standards	ISO 2244:2000 ISTA1/2/3/6 ASTM D880						

Note: The parameters in the table are for reference only, and the parameters agreed upon by the supplier and the buyer shall prevail.