

Technical Specifications

KRD41 Series Small Drop Tester



KRD41 series small drop tester is suitable for free-fall test of small consumer electronics and components such as mobile phones, walkie-talkies, electronic dictionaries, CD / MD / MP3 and so on, applicable standards JISC 0044 and IEC 60068-2-32. Through standard tests on electronic products (surface drop, corner drop, edge drop, etc.) and collecting data, it simulates the vertical drop impact of electronic products during transportation and handling. It provides a basis for the design of the product's buffer and vibration damping and the selection of structural materials.

It can be dropped naked or dropped with packaging to evaluate the impact resistance or the damage caused by the fall of the product during transportation. It is an indispensable test method to improve the product's quality. It is applicable for electronic product research, development, quality control, manufacturing and other links.

- Upper and lower displacement limit to guarantee safe.
- The lifting height can be adjusted arbitrarily to meet the different requirements.
- It can clamp and drop the test sample at any angle
- Just place the machine on a flat marble or concrete floor, no special foundation needed
- Remote control can be realized to ensure the safety of operators. (custom function)

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Model Parameters	Zero-distance drop tester			Small drop tester		Double lift zero-distance drop tester			
	KRD 40-100	KRD 40-200	KRD 40-300	KRD 41-100	KRD 41-200	KRD 42-500	KRD 42-800	KRD 42-1000	KRD 42-2000
Max. Load (kg)	100	200	300	100	200	500	800	1000	2000
Drop Height (mm)	0~1500			300-1500		0~1200	0~1000	0~1000	0-800
Max. Specimen Size (mm)	1000×1000×100	1200×1200×120	1300×1300×1300	1000×1000×1000	1200×1200×1200	1400×1400×1400	1500×1500×1500	1600×1600×1600	1800×1800×1800
Position Accuracy	±2								
Drop Zone Size (W*D/mm)	1200×1200	1400×1400	1500×1500	1200×1200	1400×1400	2400×1600	2600×1700	2800×1800	3200×2000
Test Mode	Face, Edge and Angle								
Power	AC 380V ±10% 50Hz								
Working Environment	Temperature range 0~40°C, humidity≤80% (no condense)								
Standards	ISO2248-1985(E) IEC68-2-27 ISTA								

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