CME
RELIABILITY TESTING SOLUTIONS

Technical Specifications

KRD41 Series Small Drop Tester



CME Technology Co., Ltd.

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)

Technical Specifications

Model / Parameters	KRD41-100	KRD41-200
Max. Load (kg)	100	200
Drop Height (mm)	300～1500	
Max. Specimen Size (mm)	Depth 840	Depth 840
Position Accuracy	±2% or ±10mm (subject to the larger value)	
Drop Zone Size （W*D/mm）	1200×1200	1400×1400
Test Mode	Face, Edge and Angle	
Power	1-phase AC 220V±10% 50Hz	
Working Environment	Temperature range 0～40℃, Humidity≤80% (non-condensing)	
Installation Condition	Foundation-free, the cement floor shall be leveled and the working distance of 800~1000mm shall be reserved around the equipment	
Standards	ISO2248-1985 IEC68-2-32 ISTA	

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