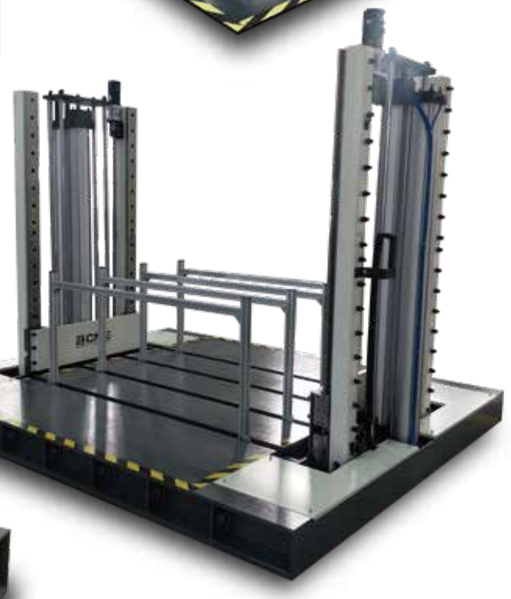
KRD40/41/42
DROP TEST SYSTEM

KRD40 series zero-distance drop tester, mainly simulates the resistance to drop and impact of large and heavy packaging products. It can realize the drop test of the edge, surface and angle of the sample. This equipment is mainly used to evaluate the ability of product or packaging to withstand drops during transportation and loading and unloading, so as to improve product and packaging design.
KRD41 series small drop tester is suitable for free-fall test of small consumer electronics and components.
KRD42 series double-lift drop tester is mainly suitable for large size packaging products to resist drop impact performance, its powerful power system and unique sample support for easy loading and unloading of oversized, overweight items, and automatically rise to the set height, complete the drop test.



- Driven by pneumatic and servo motors, stable lifting process with upper and lower displacement restrictions, safe and reliable;
- Adopt single-track or dual-track lifting method, and the height can be adjusted arbitrarily;
- It can clamp and drop the test specimen in different directions such as edges, faces and angles;
- Fully automatic Omron PLC control; high-precision displacement sensor is equipped with high-precision collector;
- No special foundation required, no other complicated operation or installation;
- Handheld pad control + human-computer interaction system

TECHNICAL SPECIFICATIONS

Parameters \ Model	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		0~800
Max. Specimen Size (mm)	1000×1000 ×1000	1200×1200 ×1200	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								
Working Environment	Temperature range 0 ~ 40℃, humidity≤80% (no condense)								
Power	AC 380V ±10% 50Hz								
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(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.