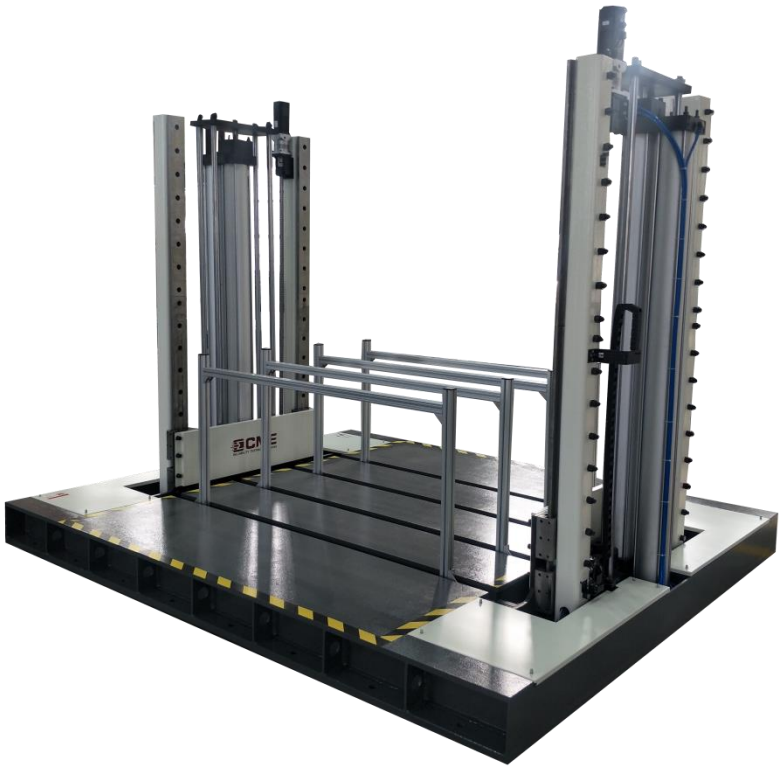
CME
RELIABILITY TESTING SOLUTIONS

Technical Specifications

KRD42 Double Lift Drop Tester



CME Technology Co., Ltd.

KRD42 series drop tester, mainly simulates the resistance to drop and impact of large and heavy packaging products. Its strong power system and unique sample holder facilitate easy loading and unloading of oversized and overweight items and automatically rise to the setting. After the height, the drop test is completed. 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.

- Driven by pneumatic and servo motors, stable lifting process with upper and lower displacement restrictions, safe and reliable;
- Adopt double-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;
- The testing machine adopts PLC full-automatic control, large size true color touch LCD screen,
- No special foundation required, no other complicated operation or installation;
- Remote control can be realized to ensure the safety of operators (customized functions).

Technical Specifications

Model / Parameters	KRD42-500	KRD42-800	KRD42-1000	KRD42-2000
Max. Load (kg)	500	800	1000	2000
Drop Height (mm)	0～1200	0～1000	0～1000	0-800
Max. Specimen Size (mm)	1400×1400×1400	1500×1500×1500	1600×1600×1600	1800×1800×1800
Position Accuracy	±2% or ±10mm (subject to the larger value)			
Drop Zone Size （W*D/mm）	2400×1600	2600×1700	2800×1800	3200×2000
Test Mode	Face, Edge and Angle			
Power	3-phase AC 380V ±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.