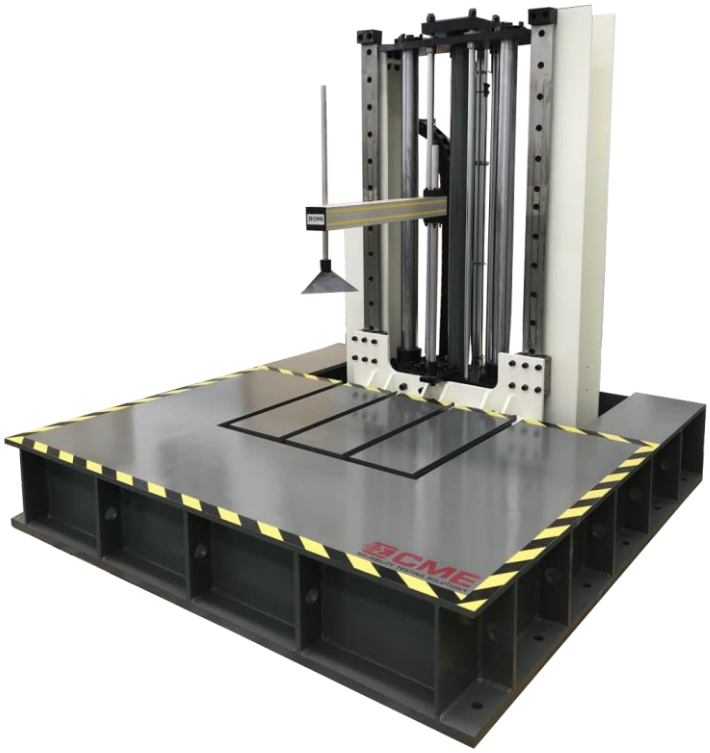
CME
RELIABILITY TESTING SOLUTIONS

Technical Specifications

KRD40 Series Drop Tester



CME Technology Co., Ltd.

KRD40 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 single-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	KRD40-100	KRD40-200	KRD40-300
Max. Load (kg)	100	200	300
Drop Height (mm)	0～1500		
Max. Specimen Size (mm)	1000×1000×1000	1200×1200×1200	1300×1300×1300
Position Accuracy	±2% or ±10mm (subject to the larger value)		
Drop Zone Size（W*D/mm）	1200×1200	1400×1400	1500×1500
Test Mode	Face, Edge and Angle		
Power	1-phase AC 220V±10% 50Hz		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.