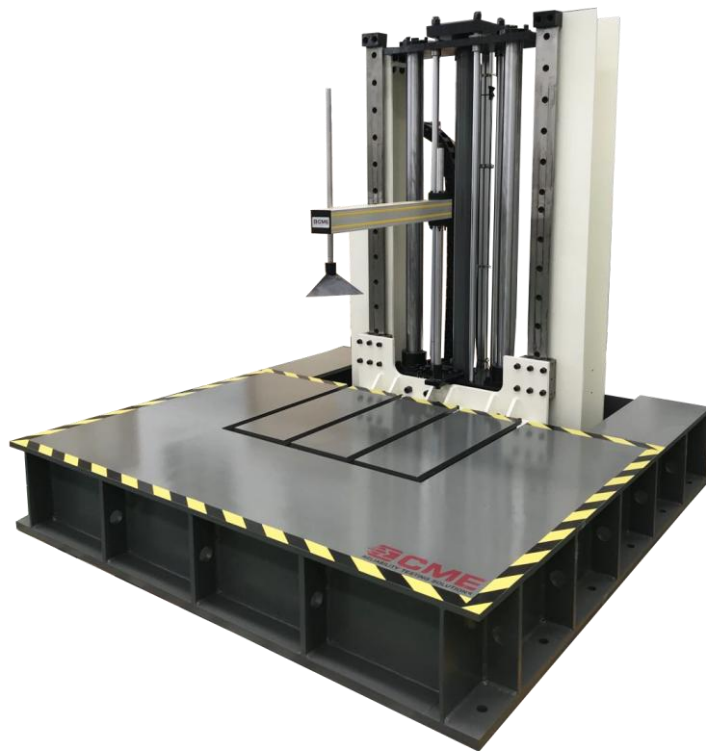


# Technical Specifications

## KRD40 Series Drop Tester



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<br>Parameters           | Zero-distance drop tester                            |                    |                    | Small drop tester  |                    | Double lift zero-distance drop tester |                    |                    |                    |
|-------------------------------|--|--------------------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|--------------------|--------------------|
|                               | KRD<br>40-100  | KRD<br>40-200      | KRD<br>40-300      | KRD<br>41-100      | KRD<br>41-200      | KRD<br>42-500                         | KRD<br>42-800      | KRD<br>42-1000     | KRD<br>42-2000     |
| Max. Load<br>(kg)             | 100  | 200                | 300                | 100                | 200                | 500                                   | 800                | 1000               | 2000               |
| Drop Height<br>(mm)           | 0~1500   |                    |                    | 300-1500           |                    | 0~1200                                | 0~1000             | 0~1000             | 0-800              |
| Max.<br>Specimen Size<br>(mm) | 1000×100<br>0×1000                                   | 1200×120<br>0×1200 | 1300×1300×<br>1300 | 1000×1000×<br>1000 | 1200×1200×<br>1200 | 1400×1400×<br>1400                    | 1500×1500×<br>1500 | 1600×1600<br>×1600 | 1800×1800×<br>1800 |
| Position<br>Accuracy          | ±2   |                    |                    |                    |                    |                                       |                    |                    |                    |
| Drop Zone<br>Size<br>(W*D/mm) | 1200×120<br>0  | 1400×140<br>0      | 1500×1500          | 1200×1200          | 1400×1400          | 2400×1600                             | 2600×170<br>0      | 2800×1800          | 3200×2000          |
| Test Mode                     | Face, Edge and Angle                                 |                    |                    |                    |                    |                                       |                    |                    |                    |
| Power                         | AC 380V ±10% 50Hz                                    |                    |                    |                    |                    |                                       |                    |                    |                    |
| Working<br>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.