

CME Technology Co., Ltd.

KRD12 PNEUMATIC HORIZONTAL SHOCK

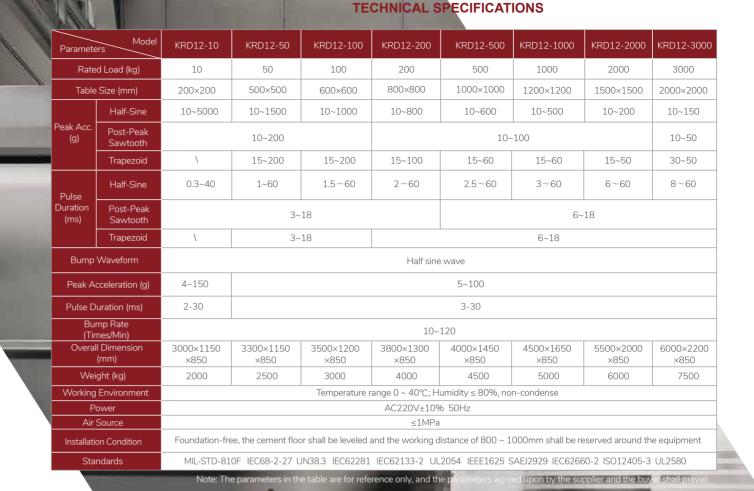
TEST SYSTEM



KRD12 series shock test system is used to measure and determine the horizontal impact resistance of a product or package, and to evaluate the reliability and structural integrity of the test unit in a horizontal impact environment. The system can perform conventional half-sine wave, post-peak sawtooth wave, or trapezoid wave shock test to realize the shock energy that the product is subjected to in the actual environment, thereby improving the product or packaging structure.

- Windows-based stable control system, full-automatic remote-control interface.
- Pneumatic cylinder driving with advantages of large driving force, short accelerating stroke, low cost and pollution free.
- Trapezoidal guide posts: large supporting force, good lubricity and full-automatic positioning table.
- Automatic control of shock speed: the shock overload value is achieved by adjusting the air pressure. After the cylinder pressure is set, system will automatically control the shock speed with high accuracy and good repeatability.
- Adopts the high strength and hardness cast aluminum table, which has high first-order resonance frequency, featured with low noise and no clutter.
- The most reliable double-brake system: effectively avoids secondary rebound collisions, more securely positioning the table, and more reliably guarantees the safety of the operator.
- Multiple waveforms: can perform conventional half-sine waves, post-peak sawtooth waves, or trapezoid waves.

- to short driving stroke of the pneumatic cylinder, the footprint is small.
- Integrated control & measurement system: the system comes with a variety of waveform tolerance bands that comply with the MIL-810 standard, automatically generates test reports after the test is completed.





System scalability: the system can be designed as a bidirectional shock according to user needs, saving test time more effectively.