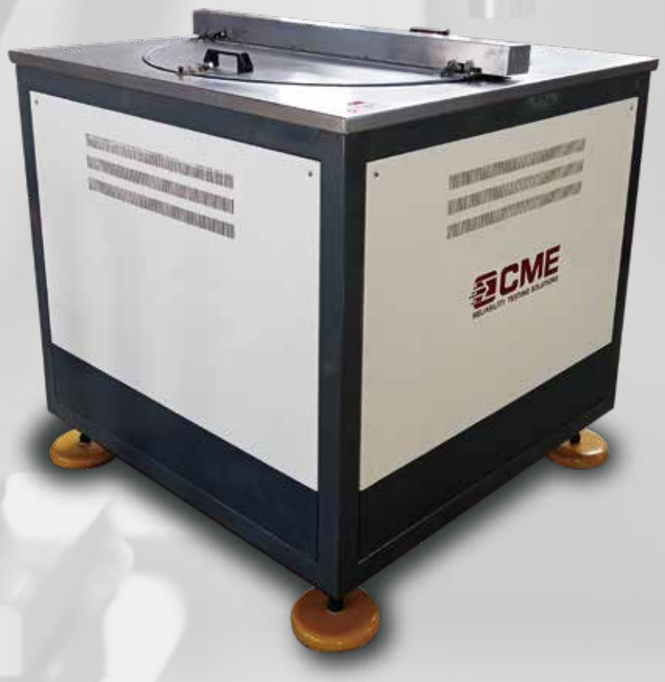
KRD32 NON-STANDARD CONSTANT ACCELERATION TESTER

KRD32 series non-standard constant acceleration testing machine is test equipment for military products to simulate dynamic centrifugal motion, dual-environmental force centrifugal motion and central high-speed rotating motion, so as to assess the anti-load performance of electronic components, small components and other electrical and electronic products and detect the anti-load performance specifications. It is mainly used for routine dynamic structural integrity and adaptability tests of components, small parts and small complete machine on aircraft.



TECHNICAL SPECIFICATIONS

Parameters \ Model	KRD32-1 Dual-environment constant acceleration tester	KRD32-2 High-speed spin tester	KRD32-3 Centrifugal dynamic overload tester	KRD32-4 Spin shock compound tester	KRD32-5 Centrifugal vibration compound tester
Max. Load (kg)	5	5	50	3	1000
Max. Acceleration (g)	150	——	20	Shock 10,000g--1ms	50
Loading Rate (g/s)	Customized	——	10	——	Standard Electro-Dynamic Shakers specifications
Rotating Speed (R/Min)	0~3000	0~100,000	——	0~10,000	——
Installation Radius (mm)	Customized	——	1500	——	Customized
Collector Ring	Optional according to user requirements				
Control Mode	Fully closed-loop digital network (remote) automatic control + manual control				
Working Environment	Temperature range 0 ~ 40℃, humidity ≤80% (no condense)				
Power	AC 380V ±10% 50Hz				
Installation Condition	Foundation-free, working distance of 800 ~ 1000mm shall be reserved around the equipment	According to the foundation drawings provided by the manufacturer			
Standards	MIL-STD-810F IEC68-2-7				

Note: 1. The parameters in the table are for reference only, and the parameters agreed upon by the supplier and the buyer shall prevail.
2. In addition to providing electrical signals, the collector ring can also optionally add transmission functions such as oil, gas, special signals, Ethernet, and RF signals.

- The acceleration rising rate is large
- Computer centralized control and measurement
- Fully digital network closed-loop remote control, high control accuracy
- Complete safety protection functions