

Technical Specifications

KRD20 Pneumatic Bump Test Machine



The KRD20 series pneumatic bump test machine replaces the traditional mechanical cam-type crash bench and is suitable for repeated impacts on electronic components, equipment and other electrical and electronic products during transportation or working.

- Fully pneumatic driven, clean and environmentally friendly, good repeatability and high reliability.
- Control the frequency of collisions by adjusting the gas pressure to achieve continuous high-frequency collisions.
- Test time and collision frequency can be set arbitrarily, and it will stop automatically after the test is completed

Technical Specifications

Model	KRD 20-50	KRD 20-100	KRD 20-200	KRD 20-500	KRD 20-800	KRD 20-1000	KRD 20-1500	KRD 20-2000	KRD 20-3000
Parameters	20-50	20-100	20-200	20-500	20-800	20-1000	20-1500	20-2000	20-3000
Load (kg)	50	100	200	500	800	1000	1500	2000	3000
Table Size (mm)	500×500	600×600	800×800	1000×1000	1500×1500	1800×1800	2000×2000	2500×2000	2500×2500
Shock Waveform	half sine wave								
Peak Acceleration (g)	3~150	3~120	3~100	3~80	4~60	5~50	5~50	5~40	5~30
Pulse Duration (ms)	2~30			3~30	5~30	6~30	6~30	8~30	11~30
Bump Rate (Times/Min)	1~120		1~120	1~100	1~100	1-80	1~60	1-30	1-20
Overall Dimension (mm)	1050×1050×1300	1050×1050×1300	1100×1100×1300	1200×1200×1500	1300×1300×1600	1350×1350×1600	2000×2000×1850	2500×2000×1950	2500×2500×2100
Weight (kg)	1500	1500	2000	2500	2500	7500	8500	9500	11000
Power Supply	AC220V ± 10%, 50Hz								
Air Source	≤0.8Mpa								
Working Environment	Temperature range 0 ~ 40°C; Humidity ≤ 80% non-condense								
Standards	MIL-STD-810F IEC68-2-29								

Note: The parameters in the table are for reference only, and the parameters agreed upon by the supplier and the buyer shall prevail.