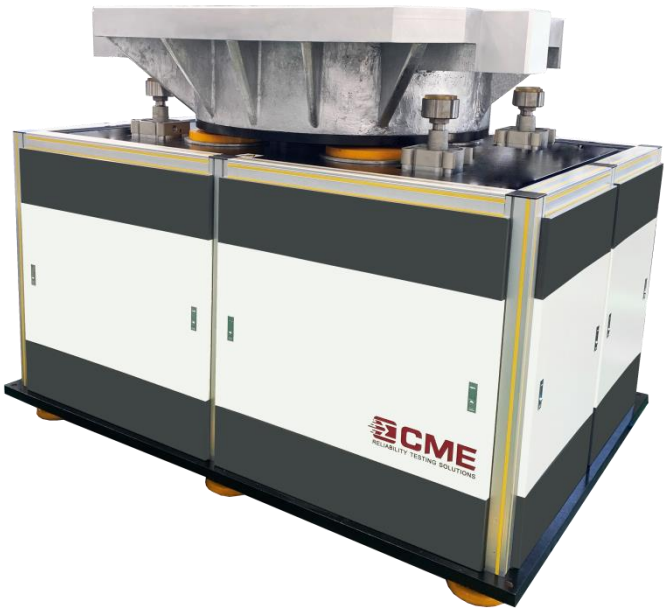
CME
RELIABILITY TESTING SOLUTIONS

Technical Specifications

KRD20 Pneumatic Bump Test Machine



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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 / Parameters	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
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 waveform								
Peak Acceleration (g)	5～100	5～100	5～100	5～80	5～60	5～50	5～50	5～40	5～30
Pulse Duration (ms)	2～30			2～30	3～30	5~30	6~30	8~30	11~30
Bump Rate (Times/Min)	1~120			1~100		1-80	1~60	1-30	1-20
Overall Dimension (mm)	1050×1050×1300	1090×1090×1300	1050×1050×1280	1300×1300×1650	1500×1500×1600	1800×1800×1600	2000×2000×1850	2500×2000×1950	2500×2500×2100
Weight (kg)	1500	1980	1925	3475	4800	7500	8500	9500	11000
Power Supply	1-phase AC100V-240V, 50Hz/60Hz								
Air Source	≤0.8Mpa								
Working Environment	Temperature range 0 ~ 40℃, Humidity≤80% (non-condensing)								
Standards	IEC 60028-2-29:1987 IEC 60028-2-27:2008								

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

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