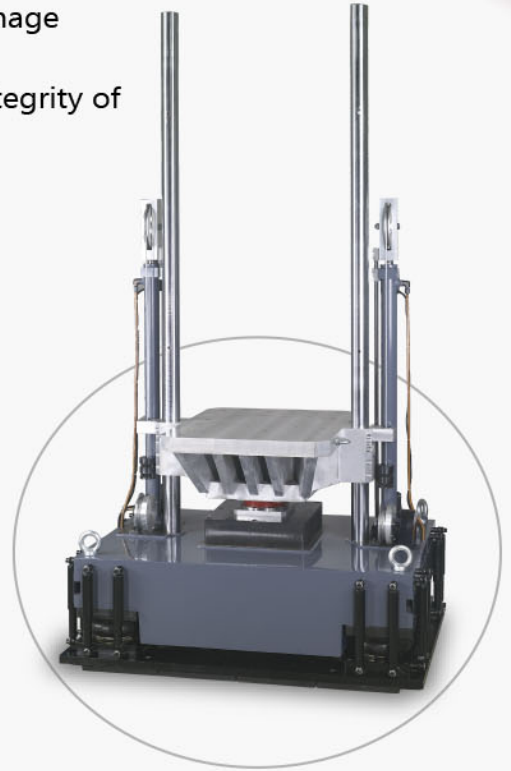




Shock Tester 衝擊試驗機

The purpose of shock test is to reveal mechanical weakness and / or degradation in specified performances, or accumulated damage caused by shocks.

Sometimes, this may be used to determine the structural integrity of specimens or as a means of quality control.



- Main body adopts dual steel poles design. The material of shock table is aluminum alloy and it raises smoothly and reliably by automatic lifting mechanism.
- Safety protection begins during installing of specimens and it can avoid secondary collision by the break system. Times of testing can be set on controller.
- Shock measuring system, transforming device and PC controller are integrated in a rack. Whole system contains accelerometer and signal wire to measure and shows test result on screen immediately.

• Hydraulic pump: to control the lifting system.



• Waveform generator (from left to right): Half-sine, Trapezoidal, Final-peak Saw-tooth.



Standard Specification

Parameter Model	Max. Payload (kg)	Table Size (mm)	Shock Waveform	Peak Acceleration (m/s ²)	Pulse Duration (ms)	Shock Tester		Hydraulic Pump		Power Source
						Dimension W x D x H (mm)	Weight (kg)	Dimension W x D x H (mm)	Weight (kg)	
SHOCK-5	5	200 x 200	Half-sine	150 ~ 15000	18 ~ 0.8	900 x 720 x 2300	900	350 x 300 x 690	30	220 / 380 V 50 / 60 Hz 1.5 kW
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
SHOCK-25	25	300 x 350	Half-sine	100 ~ 15000	40 ~ 0.8	1100 x 750 x 2500	1600			
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
SHOCK-50	50	400 x 400	Half-sine	100 ~ 12000	40 ~ 1	1200 x 800 x 2600	2000			
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
			Trapezoidal	300 ~ 1000	12 ~ 6					
SHOCK-100	100	500 x 500	Half-sine	100 ~ 11000	40 ~ 1	1300 x 1000 x 2600	2600	580 x 410 x 730	35	220 / 380 V 50 / 60 Hz 2.2 kW
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
			Trapezoidal	300 ~ 1000	12 ~ 6					
SHOCK-200	200	600 x 600	Half-sine	100 ~ 8000	40 ~ 1.5	1400 x 1100 x 2700	3800			
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
			Trapezoidal	300 ~ 1000	12 ~ 6					
SHOCK-400	400	600 x 800	Half-sine	100 ~ 6000	40 ~ 2	1500 x 1200 x 2700	5000			
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
			Trapezoidal	300 ~ 1000	12 ~ 6					
SHOCK-600	600	800 x 800	Half-sine	100 ~ 4500	40 ~ 3	1700 x 1300 x 2750	6800			
			Final-peak Saw-tooth	150 ~ 1000	18 ~ 6					
			Trapezoidal	300 ~ 1000	12 ~ 6					
SHOCK-800	800	800 x 1000	Half-sine	100 ~ 3000	40 ~ 4	1800 x 1400 x 2750	8000			
			Final-peak Saw-tooth	150 ~ 600	18 ~ 6					
			Trapezoidal	300 ~ 600	12 ~ 6					
SHOCK-1000	1000	1000 x 1000	Half-sine	100 ~ 2000	40 ~ 6	2000 x 1500 x 2800	10000	650 x 500 x 650	45	220 / 380 V 50 / 60 Hz 7.5 kW
			Final-peak Saw-tooth	150 ~ 600	18 ~ 6					
			Trapezoidal	300 ~ 600	12 ~ 6					
SHOCK-1500	1500	1000 x 1200	Half-sine	100 ~ 1500	40 ~ 6	2200 x 1700 x 2900	13500			
			Final-peak Saw-tooth	150 ~ 500	18 ~ 6					
			Trapezoidal	300 ~ 500	12 ~ 6					
SHOCK-2000	2000	1200 x 1200	Half-sine	100 ~ 1000	40 ~ 6	2500 x 1900 x 2900	17500			
			Final-peak Saw-tooth	150 ~ 500	18 ~ 6					
			Trapezoidal	300 ~ 500	12 ~ 6					

* All models comply with International Standards of MIL-STD-810G, IEC 60068-2-27.

* Welcome to contact for further information or customized design.