

KASON-TPL SERIES

Automatic Spring Fatigue Testing Machine

APPLICATION

This machine is mainly suitable for axial fatigue life test of various helical cylindrical springs, gas springs, elastomers, elastic components, etc.



TECHNICAL SPECIFICATIONS

MODEL	KASON-TPL2T	KASON-TPL3T	KASON-TPL5T	KASON-TPL10T	KASON-TPL20T
Max force	2000N	3000N	5000N	10000N	20000N
Axial test space	2000N	3000N	5000N	10000N	20000N
Transverse test space	2000N	3000N	5000N	10000N	20000N
Frequency range	0~5Hz/10Hz				
Test frequency	According to the actual sample				
Max amplitude	±50mm				
Count stop accuracy	±1				
Test working position: single working position	According to the spring size and force value(Standard configuration:1)				
Power supply	AC220V±10% 50Hz				

KASON-HPIT SERIES

Pendulum Impact Testing Machine

APPLICATION

Mainly used for the determination of the impact toughness of non-metallic materials such as hard plastics (including plates, pipes, and plastic profiles), reinforced nylon, glass fiber reinforced plastic, ceramics, cast stone, and electrical insulating materials. This testing machine is an ideal testing equipment for the chemical industry, sci-

departments of colleges and universities, etc.



STANDARD

ISO179—2000, GB/T1043—2008, JB/T8762—1998, GB/T18743-2002, ISO180—2000, GB/T1843—2008, JB/T8761—1998, ASTM D256-2010, GB-T13525-1992.

TECHNICAL SPECIFICATIONS

MODEL		KASON-HPIT-5JT	KASON-HPIT-15JT	KASON-HPIT-50JT	KASON-HPIT-5.5XT	KASON-HPIT-22XT	KASON-HPIT-5.55XT	KASON-HPIT-50JXT
Impact energy(J)	Charpy	1,2,4,5J	7.5,15J	1,2,4,5,7.5,25,25,50	-	-	1,2,4,5	7.5,15,25,50
	Izod	-	-	-	2.75J, 5.5J	11,22J	2.75,5.5	2.75,5.5,11,22
Impact velocity(m/s)	Charpy	2.9	2.9	2.9	-	-	2.9	2.9
	Izod	-	-	-	3.5	3.5	3.5	3.5
Pendulum advance angle		1500						
Strike center distance(mm)	Charpy	221	221	221	-	-	-	-
	Izod	-	-	-	335	335	335	335
Blade filleted radius	Charpy	R=2±0.5	R=2±0.5	R=2±0.5	-	-	R=2±0.5	R=2±0.5
	Izod	-	-	-	R=0.8±0.2	R=0.8±0.2	R=0.8±0.2	R=0.8±0.2
Print out		Capacity, Angle, energy, etc.						
Print		with the printer						
power supply		AC220V±10% 50HZ						