























System Model		Vibration Test System with a Slip Table					
Room Number		E3	E4	B6	A1	A6	A4
Model		<a href="#">i220/SA2M/H6</a>	<a href="#">i240/SA4M/H8</a>	<a href="#">J250/SA6M</a>	<a href="#">G-0230L(P)</a>	<a href="#">G-0230NSH</a>	<a href="#">G-0220NSH</a>
image							
Features		For small equipment With slip table	For medium equipment With slip table	Long stroke (100mmp-p) Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant	For medium equipment With slip table	Long stroke (100mmp-p) Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant	Long stroke (100mmp-p) Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant
Frequency Range (Hz)		3300	2600	2200	2000	2000	2000
Rated Force	Sine (kN)	8	24	40	30	30	20
	Random kN (rms)	8	24	40	21	24	14
	Shock (kN)	16	48	80	45	60	30
Maximum Acc.	Sine (m/s <sup>2</sup> )	1159	1142	888	833	769	769
	Random (m/s <sup>2</sup> rms)	820	808	622	588	607	538
	Shock (m/s <sup>2</sup> peak)	2318	2284	1777	1244	1303	1153
Maximum Vel.	Sine (m/s <sup>2</sup> )	2.2	2.2	2.4	1.7	2	2
	Shock (m/s peak)	2.2	2.2	2.4	1.7	2	2
Maximum Disp. (mmp-p)		51	51	100	51	100	100
Mass (kg)		6.9	21	45	33	33	28
Maximum Load (kg)		200	400	600	300	300	300
Allowable Eccentric Moment (N · m)		294	850	1550	980	490	490
Shaker Body Diameter (mm)		Φ190	Φ290	Φ440	Φ360	Φ360	Φ300
Slip table	Size (mm)	630 × 630	800 × 800	800 × 800	700 × 700	600 × 600	600 × 600
	Mass (kg)	35	45	93	65	32	32
	Pitch Moment (N · m)	450	450	2200	1470	1470	1470
	Maximum Load (kg)	300	400	600	300	300	300
Number of Systems		1	1	1	1	1	1

System Model		Vibration Test System with a Slip Table					
Room Number		C1		C4		A8,A9,B1	B4
Model		<a href="#">EM2505/EM10HAM/H10/C</a>		<a href="#">A30/EM3HAM/H6/C</a>		<a href="#">G-0230L(P)</a>	<a href="#">G-0235L(P)</a>
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Features		Long stroke (100mmp-p) Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant		High velocity shock test ISO19453 compliant GB standard compliant		For medium equipment Horizontal/vertical excitation changeover type	Horizontal/vertical excitation changeover type
Frequency Range (Hz)		2200		2600		2000	2000
Rated Force	Sine (kN)	40		30		30	34.3
	Random kN (rms)	40		30		21	24
	Shock (kN)	120		60(50)		45	51
Maximum Acc.	Sine (m/s <sup>2</sup> )	851		789		833	1000
	Random (m/s <sup>2</sup> rms)	595		552		588	595
	Shock (m/s <sup>2</sup> peak)	2533		1578(1315)		1244	1538
Maximum Vel.	Sine (m/s <sup>2</sup> )	2.4		2		1.7	2
	Shock (m/s peak)	3.5		2.5(3.5)		1.7	2
Maximum Disp. (mmp-p)		100		76.2		51	51
Mass (kg)		47		38		33	33
Maximum Load (kg)		600		400		300	300
Allowable Eccentric Moment (N · m)		1550		850		980	980
Shaker Body Diameter (mm)		Φ440		Φ290		Φ360	Φ360
Slip table	Size (mm)	600 × 600	1000 × 1000	630 × 630	1000 × 1000	700 × 700	700 × 700
	Mass (kg)	90	190	80 (including joints)	135 (including joints)	65	45.5
	Pitch Moment (N · m)	7700		4000	7700	1470	1470
	Maximum Load (kg)	2000		1200	2000	300	300
Chamber	Internal Dimensions W×D×H (mm)	1200	1250	1000	1000	1000	1000
		×	×	×	×	×	
		1240	1250	1000	1000	1000	1000
		×	×	×	×	×	
	1050	1200	1000	1000	1000		
Temperature Range (°C)		-70 to +180		-70 to +180		-40 to +180	-40 to +180
Temperature Range of Change (°C/min.)		1.3		1.5		0.67	0.67
Humidity Range (%RH)		20 to 98		20 to 98		20 to 98	20 to 98
Number of Systems		1		1		3	1

System Model		Chamber Combined Vibration Test System					
Room Number		E1,E2	D4,D5	D7	D6	D1	C3,D2
Model		<a href="#">i220/SA1M/C</a>	<a href="#">i230/SA2M/C</a>	<a href="#">i240/SA3M/C</a>	<a href="#">i240/SA3M/C</a>	<a href="#">i250/SA5M/C</a>	<a href="#">i260/SA7M/C</a>
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Features		ISO19453 compliant	ISO19453 compliant	ISO19453 compliant	High speed temperature change (3.5°C/min)	High acceleration	High acceleration
Frequency Range (Hz)		3300	3000	2600	2600	2500	2600
Rated Force	Sine (kN)	8	16	24	24	40	54
	Random kN (rms)	8	16	24	24	40	54
	Shock (kN)	16	32	48	48	80	108
Maximum Acc.	Sine (m/s <sup>2</sup> )	1159	1159	1142	1142	1081	964
	Random (m/s <sup>2</sup> rms)	820	820	808	808	764	682
	Shock (m/s <sup>2</sup> peak)	2318	2318	2284	2284	2162	1928
Maximum Vel.	Sine (m/s <sup>2</sup> )	2.2	2.2	2.2	2.2	2.2	2.2
	Shock (m/s peak)	2.2	2.2	2.2	2.2	2.2	2.2
Maximum Disp. (mmp-p)		51	51	51	51	51	51
Mass (kg)		6.9	13.8	21	21	37	56
Maximum Load (kg)		200	300	400	400	600	1000
Allowable Eccentric Moment (N · m)		294	700	850	850	1550	1550
Shaker Body Diameter (mm)		Φ190	Φ200	Φ290	Φ290	Φ440	Φ446
Chamber	Internal Dimensions W×D×H (mm)	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1400 × 1200 × 1400
	Temperature Range (°C)	-70 to +180	-70 to +180	-70 to +180	-70 to +180	-70 to +180	-70 to +180
	Temperature Range of Change (°C/min.)	1.5	1.5	1.5	3.5	1.5	1.5
	Humidity Range (%RH)	20 to 98	20 to 98	20 to 98	20 to 98	20 to 98	20 to 98
Number of Systems		2	2	1	1	1	2

System Model		Chamber Combined Vibration Test System					
Room Number		D3	B5,C2	A2,A7	A3	B3	B2
Model		<a href="#">DC-2200-26</a>	<a href="#">J250/SA6M</a>	<a href="#">G-0220L(P)</a>	<a href="#">G-0230L(P)</a>	<a href="#">G-0235L(P)</a>	<a href="#">G-0235L(P)</a>
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Features		ISO19453 compliant	Long stroke	ISO19453 compliant	ISO19453 compliant	ISO19453 compliant	ISO19453 compliant
Frequency Range (Hz)		3000	2200	2000	2000	2000	2000
Rated Force	Sine (kN)	21.56	40	20	30	34.3	34.3
	Random kN (rms)	21.56	40	14	21	24	24
	Shock (kN)	-	80	30	45	51	51
Maximum Acc.	Sine (m/s <sup>2</sup> )	980	851	980	833	1000	1000
	Random (m/s <sup>2</sup> rms)	-	595	686	588	595	595
	Shock (m/s <sup>2</sup> peak)	-	1702	1470	1244	1538	1538
Maximum Vel.	Sine (m/s <sup>2</sup> )	2	2.4	2	1.7	2	2
	Shock (m/s peak)	-	2.4	2	1.7	2	2
Maximum Disp. (mmp-p)		51	100	51	51	51	51
Mass (kg)		22	47	20.4	33	33	33
Maximum Load (kg)		300	600	300	300	300	300
Allowable Eccentric Moment (N · m)		686	1550	980	980	980	980
Shaker Body Diameter (mm)		Φ310	Φ440	Φ300	Φ360	Φ360	Φ360
Chamber	Internal Dimensions W×D×H (mm)	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1000 × 1000 × 1000	1500 × 1500 × 1500
	Temperature Range (°C)	-70 to +180	-70 to +180	-40 to +180	-40 to +180	-40 to +180	-40 to +180
	Temperature Range of Change (°C/min.)	1.5	1	0.67	0.67	0.67	0.67
	Humidity Range (%RH)	20 to 98	20 to 98	20 to 98	20 to 98	20 to 98	20 to 98
Number of Systems		1	2	2	1	1	1

System Model	Head Expander			Cubic fixture		
Model	<a href="#">TBV-550S-i20-M</a>	<a href="#">TBV-750S-J50-M</a>	<a href="#">TBV-950S-J50-M</a>	<a href="#">TCJ-B150S-A</a>	<a href="#">TCJ-B200S-A</a>	<a href="#">TCJ-B300S-M</a>
image						
Frequency Range (toHz)	1000	1000	1000	2000	2000	600
Mass (kg)	22	39	120	3.5	10	14
Size (mm)	550 × 550	750 × 750	950 × 950	150 × 150 × 150	200 × 200 × 200	300 × 300 × 300