










When an electric		Vibration test system with a slip table	Chamber combined vibration test system with a slip table		Ultra-high temperature chamber combined vibration test system		Vibration test system with a slip table	Shock test system	
furnace unused		EMK1252/EM22HM/H15	A55S/SA5HAM/H6-H10/C	A30/EM3HAM/H8/C	EMK0622/EH		J260/EM16HAM/H6	VSS-6000-600H	
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Features		Large excitation	Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant	High velocity shock test Horizontal/vertical excitation changeover type ISO19453 compliant GB standard compliant	Ultra-high temperature test ISO19453 compliant GB standard compliant		High velocity shock test ISO 19453 compliant GB standard compliant	Shock test High velocity Large displacement fire safety function	
Frequency Range (Hz)		2500	2000	2600	2500		2600	—	
Rated Force	Sine (kN)	125	55	30	61.7		54	—	
	Random kN (rms)	125	55	30	61.7		54	—	
	Shock (kN)	250	110	60(50)	123.4		170	58.8	
Maximum Acc.	Sine (m/s ²)	1000	900	789	1000		857	—	
	Random (m/s ² rms)	700	630	552	700		600	—	
	Shock (m/s ² peak)	2000	1500	1500	2000		2698	326	
Maximum Vel.	Sine (m/s ²)	2	2	2	2		2.4	—	
	Shock (m/s peak)	2	2.5	2.5(3.5)	2		4	6	
Maximum Disp. (mmp-p)		51	60	76.2	51		100	600	
Mass (kg)		70	53	38	40		63	180	
Maximum Load (kg)		2000	1000	400	1000		1000	500	
Allowable Eccentric Moment (N · m)		2450	1550	850	980		1550	—	
Shaker Body Diameter (mm)		Φ560	Φ436	Φ290	Φ400		Φ446	1000 × 1000	
Slip table	Size (mm)	1450 × 1450	550 × 550	950 × 950	750 × 750	1000 × 1000		550 × 550	—
	Mass (kg)	464	75	145	110	143		60	—
	Pitch Moment (N · m)	97000	7700	7700	7700	7700		8100	—
	Maximum Load (kg)	9000	2000	2000	1600	2000		700	—
Chamber	Internal Dimensions W×D×H (mm)	—	1200 × 1200 × 1200	1000 × 1050 × 1000	800 × 800 × 800		—	—	
	Temperature Range (°C)	—	-70 to +180	-70 to +180	up to +900		—	—	
	Temperature Range of Change (°C/min.)	—	3	2	—		—	—	
	Humidity Range (%RH)	—	20 to 98	20 to 98	—		—	—	
Number of Systems		1	2	1	1		—	1	

System Model	High stress temperature cycle test system	System Model	Cyclic corrosion test system			System Model	Cold and thermal shock test system
Model	SMS-21	Model	CYP-200DZ	CYP-90Z	CYP-160DZ	Model	TSA-203-ES
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Temperature Range(°C)	-70 to +180	Quantity of Salt Spray	1.5±0.5ml/h/80cm ²			High temperature range (°C)	-60 to +200
Humid Range (%RH)	20 to 98	Temperature of Salt Spray(°C)	+35/+50			Low temperature range (°C)	-70 to 0
Temperature Change Speed	No specimen: 5°C/min	Spray Pressure (Mpa)	0.098 ±0.0025			Recovery time	Within 10 minutes *Depends on heat load
	(-45⇔+155°C)	Drying(%)	25 (60°C)				
Cable Hole (mm)	φ 50/10 (1 place on each side)	Wet(%)	60 to 95 (+50°C)			Load Capacity of Test Area (kg)	50
Internal Dimensions W×D×H(mm)	1200 × 1500 × 1000	Cable Hole(mm)	φ100 (1 place)	φ50 / 100 (1 place on each side)	φ100 (1 place)		
Internal Capacity(L)	1800	Internal Dimensions W×D×H(mm)	2000 × 1000 × 1000	900 × 500 × 600	1600 × 1000 × 1000		
Load Capacity of Test Area(kg)	200	Load Capacity of Test Area(kg)	200	50	200		
Number of Systems	2	Number of Systems	2	1	1		

System Model	Head Expander				Cubic fixture		System Model	Semi-anechoic chamber room
Model	TBV-950S-A55S-M	TBV-750S-A30-M	TBV-550S-A55S-M	TBV-1450-K125-A	TCJ-B300-A55S-M	TCJ-B200-A55S-M	image	
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Maximum Frequency (Hz)	1000	1000	2000	200	600	2000	Use for	Various noise level measurement -Squeak & Rattle Test (Noise Test) -Sound power level measurement of small electronic devices
Mass (kg)	120	50	48	410	14	7	Internal Dimensions W×D×H	3000 × 3000 × 2600
							Indoor background noise	NC20 or less
Size (mm)	950 × 950	750 × 750	550 × 550	1450 x 1450	300 × 300 × 300	200 × 200 × 200	Inverse square law	Up to 10 kHz (ISO3745 compliant)
							Sound absorbing wedge	600 × 600 × 600

System Model	EMC Testing									
Test Room	Radio Anechoic Chamber									
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Target Test	CISPR25 RE/CE			ASLE	Radar pulse	TEM CELL	Strip line	Antenna proximity	Triplate	
Feature	Compatible with CISPR25 and vehicle manufacturer standards			Compatible with ISO11452-2 and vehicle manufacturer standards	Compatible with vehicle manufacturer standards	Compatible with ISO11452-3 and vehicle manufacturer standards	Compatible with ISO11452-5 and vehicle manufacturer standards	Compatible with ISO11452-9 and vehicle manufacturer standards	Compatible with vehicle manufacturer standards	
Frequency Range	150kHz – 5.6GHz	150kHz – 245MHz	150kHz – 108MHz	200MHz – 3.2(6)GHz	1.2GHz – 1.4GHz, 2.7GHz – 3.2GHz	1 – 400MHz	1 – 400MHz	28MHz - 6GHz	100kHz - 1GHz	
Test Method	CISPR25 RE	CISPR25 CEI	CISPR25 CEV	ISO11452-2 ALSE	Radar pulse	ISO11452-3 TEMCELL	ISO11452-5 Strip line	ISO11452-9 Antenna proximity	Triplate test	
Test Level	Class 5			200(100)V/m	600V/m	200V/m	200V/m	Covers different power levels per frequency band	250V/m (100kHz-520MHz) 200V/m (520MHz-1GHz)	
Modulation Method	-			CW,AM,PM	-	CW,AM	CW,AM	CW,AM,PM	CW,AM	
Test Room (m) W×D×H	7.1 × 6.2 × 4.4									
Test Room (m) W×D×H	3.6 × 4.3 × 2.7									
Monitoring	2									

System Model	EMC Testing				
Test Room	shield room				
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Target Test	<ul style="list-style-type: none"> -BCI -ESD -M/I magnetic fields -Square wave noise testing -Transient emissions -Transient immunity -Voltage fluctuations 				
Feature	ISO11452-4 Manufacturers test standard	ISO10605 Manufacturers test standard	ISO11452-8 Manufacturers test standard	Manufacturers test standard	ISO7637, ISO16750 Manufacturers test standard
Frequency Range	10kHz- 2.1GHz	-	15Hz - 150kHz	-	-
Test Method	ISO11452-4 BCI法	ISO10605 ESD	- ISO11452-8 M - 磁界	impulse test	- Transient emissions - Immunity - Voltage fluctuations
Test Level	200mA	±30kV	Level 4	±4kV	-
Modulation Method	CW,AM,PM	-	-	-	-
Test Room (m) W×D×H	3.8 × 4.4 × 3.0				
Test Room (m) W×D×H	5.0 × 3.8				
Monitoring	2				