

■ Vibration-Temperature Humidity Combined Reliability Test System

Oven

Model	VC-062A	VC-082A	VC-102A
Interior Workspace Dimensions	600W×700H×600D mm [Volume 252 L]	800W×800H×800D mm [Volume 512 L]	1000W×1000H×1000D mm [Volume 1000 L]
Temperature Range	RT+10 to +100°C RT+10 to +150°C RT+10 to +200°C	RT+10 to +100°C RT+10 to +150°C RT+10 to +200°C	RT+10 to +100°C RT+10 to +150°C RT+10 to +200°C
Heating Performance	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)
Cooling Performance	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)
Combination with Vibration Generator	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type
Recorder	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card
Remark			

Temperature Chamber

Model	VC-062B	VC-082B	VC-102B
Interior Workspace Dimensions	600W×700H×600D mm [Volume 252 L]	800W×800H×800D mm [Volume 512 L]	1000W×1000H×1000D mm [Volume 1000 L]
Temperature Range	-25 to +100°C -25 to +150°C -25 to +200°C -40 to +100°C -40 to +150°C -40 to +200°C -55 to +100°C -55 to +150°C -55 to +200°C -70 to +100°C -70 to +150°C -70 to +200°C	-25 to +100°C -25 to +150°C -25 to +200°C -40 to +100°C -40 to +150°C -40 to +200°C -55 to +100°C -55 to +150°C -55 to +200°C -70 to +100°C -70 to +150°C -70 to +200°C	-25 to +100°C -25 to +150°C -25 to +200°C -40 to +100°C -40 to +150°C -40 to +200°C -55 to +100°C -55 to +150°C -55 to +200°C -70 to +100°C -70 to +150°C -70 to +200°C
Heating Performance	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)
Cooling Performance	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)
Refrigerator Condensation	Air-cooled Water-cooled	Air-cooled Water-cooled	Air-cooled Water-cooled
Combination with Vibration Generator	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type	Fixed to Floor Type Moving on Rail Type Detachable Diaphragm Floor Plug Type Through Hole Type
Recorder	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card
Remark			

Temperature and Humidity Chamber

Model	VC-062D	VC-082D	VC-102D
Interior Workspace Dimensions	600W×700H×600D mm [Volume 252 L]	800W×800H×800D mm [Volume 512 L]	1000W×1000H×1000D mm [Volume 1000 L]
Temperature Range	-25~+100°C -25~+150°C -25~+200°C -40~+100°C -40~+150°C -40~+200°C -55~+100°C -55~+150°C -55~+200°C -70~+100°C -70~+150°C -70~+200°C	-25 to +100°C -25 to +150°C -25 to +200°C -40 to +100°C -40 to +150°C -40 to +200°C -55 to +100°C -55 to +150°C -55 to +200°C -70 to +100°C -70 to +150°C -70 to +200°C	-25 to +100°C -25 to +150°C -25 to +200°C -40 to +100°C -40 to +150°C -40 to +200°C -55 to +100°C -55 to +150°C -55 to +200°C -70 to +100°C -70 to +150°C -70 to +200°C
Heating Performance	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)	2°C/min(Ave) (+20 to +100 °C) 2°C/min(Ave) (+20 to +150 °C) 2°C/min(Ave) (+20 to +200 °C) (Not included Vibration Generator, Fixture, Specimen)
Cooling Performance	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)	1°C/min(Ave) (+20 to -40 °C) 1°C/min(Ave) (+20 to -55 °C) 1°C/min(Ave) (+20 to -70 °C) (Not included Vibration Generator, Fixture, Specimen)
Humidity Range	30 to 98 %RH	30 to 98 %RH	30 to 98 %RH
Moving Mechanism	Fixed to Floor Type Moving on Rail Type	Fixed to Floor Type Moving on Rail Type	Fixed to Floor Type Moving on Rail Type
Combination with Vibration Generator	Detachable Diaphragm Floor Plug Type Through Hole Type	Detachable Diaphragm Floor Plug Type Through Hole Type	Detachable Diaphragm Floor Plug Type Through Hole Type
Recorder	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card	180 mm 2dot printing 25 mm/H 100 mm 2 dot printing 25 mm/H Hybrid Recorder (μR) Compact Flash Memory Card
Remark			

Model Code

	Specification	Code
Interior Workspace Dimensions	600W×700H×600D mm	VC-062
	800W×800H×800D mm	VC-082
	1000W×1000H×1000D mm	VC-102
Category	Oven	A
	Temperature Chamber	B
	Temperature Humidity Chamber	D
Refrigerator Condensation	Air-cooled	A
	Water-cooled	W
Moving Mechanism	Fixed to Floor Type	F
	Moving on Rail Type	M
Combination with Vibration Generator	Drawer Type	X
	Detachable Diaphragm Floor Plug Type	Y
	Through Hole Type	Z
Temperature Range	RT+10 to +100°C	01
	RT+10 to +150°C	02
	RT+10 to +200°C	03
	-25 to +100°C	21
	-25 to +150°C	22
	-25 to +200°C	23
	-40 to +100°C	31
	-40 to +150°C	32
	-40 to +200°C	33
	-55 to +100°C	41
	-55 to +150°C	42
	-55 to +200°C	43
	-70 to +100°C	51
-70 to +150°C	52	
-70 to +200°C	53	
Programmer/Controller	Manually Operated Digital Controller	M1
	Program Controller (Ten Keys Type)	P1
	Program Controller (Touch Screen Type)	P3
Recorder	180 mm 2dot printing 25 mm/H	R
	100 mm 2 dot printing 25 mm/H	L
	Hybrid Recorder (μR)	N
	Compact Flash Memory Card	T