

Combined Environmental Test Systems CS Series

For environmental test requirements, Combined Environmental Test Systems are combination of Vibration Test Systems and Environmental Chambers. With DIO and protection devices, linkage operation of the Vibration Test System and the Environmental Chamber can be achieved. Also available now are HV (Horizontal & Vertical) Combined Environmental Test Systems.

The Multi-axis Vibration Generators can also be combined with Environmental Chambers.



G-0235L with Environmental Chamber

G-0215NS with Environmental Chamber

System Model	CS-418P-1C	CS-418P-2C	CS-418P-3C	CS-418P-4C
Internal Dimensins	600×600×600	800×800×800	1000×1000×1000	1200×1200×1200
Temperature Range	-40°C~ +180°C			
Humidity Range	20% ~ 98%RH (with Temperature Conditions)			
Temp. & Humidity Fluctuation	Within ±0.5°C / ±4.0%RH (excluding Heat-up & Cool-down Periods)			
Temperature Distribution	±3.0°C			
Temperature Ramp Time	20°C→ -40°C :Within 60 min / 20°C→ -40°C :Within 60 min ※ with Total Mass of about 40 kg (Specimen & Fixture)			
Body Material	Exterior : Bonderized Steel / Interior : SUS304 2B			
Heat Insulation Material	Glass Wool etc.			
Temp. & Humidity Controller	TFT Display, Touch Panel Operation			
Fittings Accessories	Lid Cover for Independent Use, Cable Port 50 φ×1, Hour Meter×1, Waterdrop-proof Sheet, Height Adjustors			
Chamber-VTS linkage	Start and Stop with Time Signals from Controller, Linked Interlocks			
Moving Method	Chamber Moving on Rails			
Docking with Shaker	Piggy-back Docking			
Protective Devices	Breaker, Fridge Overload Relay, Over Heat Prevention, External Alarm Terminal Fridge High-pressure Switch, Boil Dry Protector, Door Switches, Emergency Stop Switch, Water Lack, etc.			