

HALT/HASS EVTC Series Highly Accelerated Life Test System



HALT/HASS testing challenges the design, components, sub-assemblies and final assemblies of today's manufactured products. Stresses are applied through a number of conditions to set operational limits and ultimately precipitate failure in the HALT/HASS test environment. Rapid thermal change rate is one of the classic conditions that facilitate product stress.

- Six-degree-of-freedom (6DoF), pseudo-random vibration
- Temperature range: -100 to +200 °C
- Temperature transition rate: 60 °C per minute (average)

Specification

Model	EVTC-4	EVTC-6	EVTC-9	EVTC-16	EVTC-25	EVTC-36
Interior Dimensions	762W×914H×762D mm	914W×914H×914D mm	1067W×965H×1067D mm 1067W×1270H×1067D mm	1372W×965H×1372D mm 1372W×1270H×1372D mm	1676W×965H×1676D mm 1676W×1270H×1676D mm	1930W×965H×1930D mm 1930W×1270H×1930D mm
Table Dimensions	610 mm×610 mm	762 mm×762 mm	914 mm×914 mm	1220 mm×1220 mm	1524 mm×1524 mm	1778 mm×1778 mm
Temperature Range	-100 to +200°C	-100 to +200°C	-100 to +200°C	-100 to +200°C	-100 to +200°C	-100 to +200°C
Transition Rate	60 °C/min(average)	60 °C/min(average)	60 °C/min(average)	60 °C/min(average)	60 °C/min(average)	60 °C/min(average)
Maximum Acceleration	588 m/s ² (59.9G) Pseudo-random	588 m/s ² (59.9G) Pseudo-random	588 m/s ² (59.9G) Pseudo-random	588 m/s ² (59.9G) Pseudo-random	588 m/s ² (59.9G) Pseudo-random	588 m/s ² (59.9G) Pseudo-random
Frequency Range	10 to 10 kHz	10 to 10 kHz	10 to 10 kHz	10 to 10 kHz	10 to 10 kHz	10 to 10 kHz
Maximum Payload	315 kg	315 kg	315 kg	225 kg	225 kg	225 kg
Access Ports	φ 152 mm×2 φ 25.4 mm×1	φ 152 mm×2 φ 25.4 mm×1	φ 152 mm×3 φ 25.4 mm×1	φ 152 mm×3 φ 25.4 mm×1	φ 152 mm×3 φ 25.4 mm×1	φ 152 mm×3 φ 25.4 mm×1
Door	2	2	2(Front & Rear)	2(Front & Rear)	2(Front & Rear)	2(Front & Rear)
Viewing Window	2	2	4	4	4	4
Exterior Dimensions	1524W×2413H×1118D mm	1676W×2438H×1245D mm	1829W×2712H×1397D mm	2134W×2712H×1702D mm	2438W×2717H×2007D mm	2692W×2717H×2260D mm
Uncrated Weight	855 kg	1125 kg	1800 kg	2250 kg	2700 kg	3150 kg
Input Power	3φAC 415V 70A	3φAC 415V 70A	3φAC 415V 145A	3φAC 415V 145A	3φAC 415V 202A	3φAC 415V 214A

※ As for the detailed utilities (LN2, compressed air, ventilation, exhaust), please contact us.