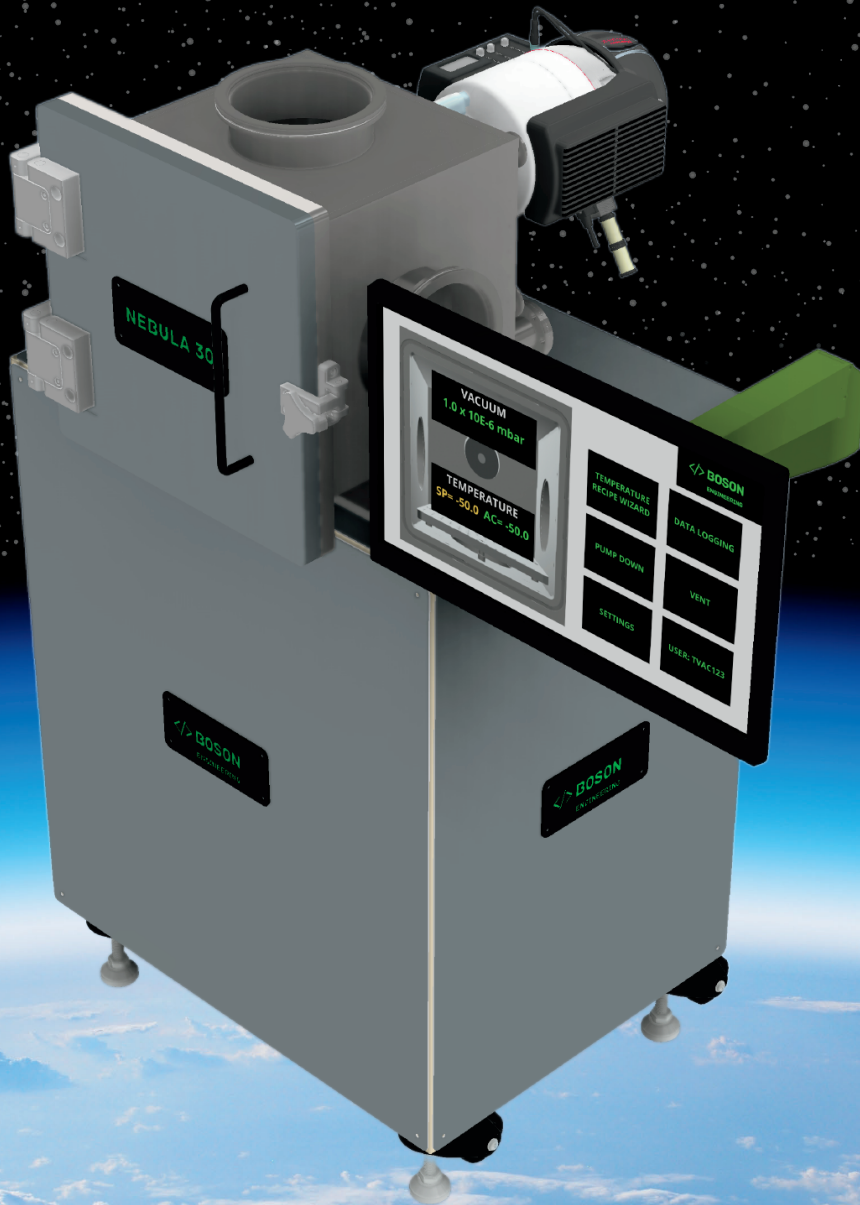


NEBULA TVAC SYSTEMS



**Thermal Vacuum Chambers for testing
Cubesats & Satellite Payloads**

MADE IN AUSTRALIA

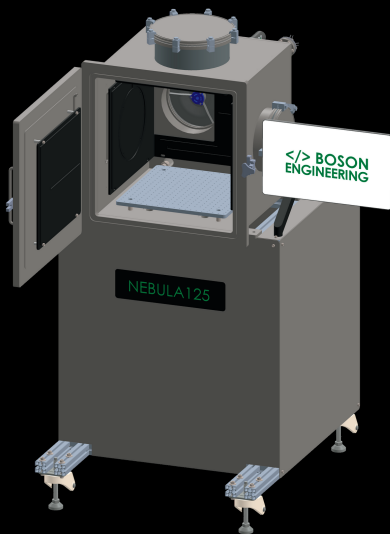
NEBULA TVAC Systems

Our standard NEBULA range of TVAC testing chambers are ideal for fast testing of CubeSats and associated component testing prior to launch. The NEBULA platform is available in 30L, 125L and 1000L configurations to suit a wide range of payload sizes and cooling environments.

Specifications

	NEBULA 30	NEBULA 125	NEBULA 1000
Chamber	Material: 304L Stainless Steel Size: 300x300x300mm (WxDxH) Max Payload: 250x250x250mm (WxDxH)	Material: 304L Stainless Steel Size: 500x500x500mm (WxDxH) Max Payload: 400x400x400mm (WxDxH)	Material: 304L Stainless Steel Size: 1000x1000x1000mm (WxDxH) Max Payload: 800x800x800mm (WxDxH)
Base Pressure	<1x10E-6 mbar/Torr	<1x10E-6 mbar/Torr	<1x10E-6 mbar/Torr
Temperature Range	-70Cto+120C(extended temperatures on request)	-70Cto+120C(extended temperatures on request)	-70Cto+120C(extended temperatures on request)
Cooling Capacity	2.3kW @ -40C	2.3kW @ -40C	2.3kW @ -40C
Heating Capacity	3kW	3kW	3kW
Thermal Table Included	Yes	Yes	Yes
Shroud Included	Not available	Optional	Optional
Vacuum Pumping System	Turbo molecular pump (field serviceable) backed by oil free dry scroll pump	Turbo molecular pump (field serviceable) backed by oil free dry scroll pump	Turbo molecular pump (field serviceable) backed by oil free dry scroll pump. Cryo pump available as option
Spare Diagnostic/DUT Control Ports	4x ISO 160. Custom vacuum feedthroughs available on request	4x ISO 200. Custom vacuum feedthroughs available on request	4x ISO 200. Custom vacuum feedthroughs available on request
Warranty	2 Years	2 Years	2 Years

Note: Specifications are subject to change without notice

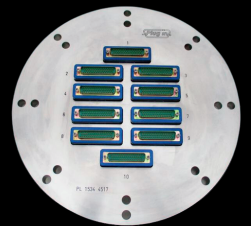


*Above picture shows a NEBULA 125 with optional shroud

Options

Hermetically Sealed Feedthroughs

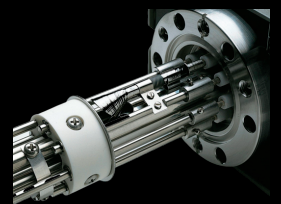
Space connectivity applications including D Type, BNC, Coax, High Power, Temperature, Fiber Optic, LEMO, SHV, SMA, USB, Ethernet....



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