

SB Series Battery Test Chamber

Tescor's Battery Test Chamber aims to contribute to the global goal of reducing automobile emissions and push electric hybrid vehicle development forward through lithium-ion battery testing. The Battery Test Chamber is available in numerous sizes, from reach-in chambers for testing small battery cells to large walk-in chamber rooms for testing large battery packs. Each test chamber features a temperature range from -40°C to +150°C, and is built according to specific test requirements. The Battery Test Chamber may be interfaced with battery cyclers, control and monitoring data acquisition systems, and other test equipment for a complete integrated test solution. Tescor's proven experience provides the most cost-effective solutions, as the Battery Test Chamber is versatile across a wide range of industries, including automotive, computer, telecommunications, defense, and alternative energy markets.

7" touch screen, 16M color, Wide Screen, Ethernet Interface	Enhanced with modular controller integrating multi-zone PID Control and Data Acquisition, Web Server, Service Monitor, Trend Graph, Security levels, On Screen Diagnostics, Safety Alarms
Safety	Options to add multiple levels of safety as per the Battery Testing Hazard Levels 0-6. Ensuring personnel and equipment safety
Compliance to Standards	Constantly engineering the system to meet the evolving test standards under IEC, UL, SAE and DOT



STANDARD CLIMATIC CHAMBERS

SB Series Battery Test Chamber *(continued)*

Specifications:

	Models		
	H-XSB4 VL5	H-XSB19 VL5	H-XSB35 VL5
Inner Dimensions	19.5 x 15.5 x 23.5 in 500 x 400 x 600 mm	29.5 x 31.5 x 35.5 in 750 x 800 x 900mm	39.5 x 39.5 x 39.5 in 1000 x 1000 x 1000 mm
Volume	4.1 cu.ft. 117 Ltrs.	19 cu.ft. 540 Ltrs.	35.6 cu.ft. 1000Ltrs
Temperature Range	302 to -40°F 150 to -40°C		
Average Change Rate As per IEC 60068-3-5	5°C per min		
Temperature Uniformity	< 1.5°C		
Power Supply	460 3ph 60Hz (Other options available upon request)		