

## Feature Focus: Universal Port

The patented Universal Port, a portal installed in the sidewall of a SE-Series environmental test chamber, allows the test chamber to serve multiple purposes: the chamber becomes a gateway to future expandability and interchangeability. The Universal Port expands the function of the chamber by diversifying its utilization, increasing lab productivity, and reducing capital investment costs. The Universal Port interfaces with many interchangeable modules and accessories that characterize different stress testing and simulation techniques, allowing the chamber to serve multiple purposes, such as thermal shock, HALT/HASS, and remote conditioning. All modules can integrate with the 8800 Controller, which is used to run the chamber and comes standard on all SE-Chambers. Below is a list of some of the other available modules that would integrate with the Universal Port on the SE-Chamber:

- *Roll-up module for HALT Testing*
- *Roll-up thermal Shock Module*
- *Walk-in Conditioning Module*
- *Telecordia Test Module*
- *Data Storage Test Module*
- *Glove Ports*
- *Window*
- *Bulkhead ESS Connector Plate*
- *Remote Blower Package*
- *Workspace Extension Enclosures*



*The patented Universal Port expands the functionality of your SE-series chamber, while reducing capital investments.*

When the Universal Port is removed from the chamber, it exposes a 16.6" x 30.6" opening featuring a continuous weld around the perimeter in the chamber sidewall. The height and size of the opening is consistent across all SE-Series Chambers and allows for seamless integration with all accessories and modules, allowing the Universal Port to adapt to many modifications and configurations. The stainless steel port\* reduces moisture migration and heat leak. A full-sealing structural plug fills the portal with a pressurized fit when the port is not in use so that the chamber can be used as a stand-alone unit. The Universal Port also features two rugged handles for easy removal when interfaced with other chamber accessories.

The Universal Port opening on a SE-chamber serves as a building block for future upgrades. This modularity brings a definite cost advantage: you can build up your test lab resources without having to purchase an entirely new dedicated chamber with cost-intensive controls and conditioning equipment each time testing requirements change.

Universal Ports is an available option on all new SE- Series Chambers, and can be installed on all chambers as a field retrofit by factory-trained field engineers. Contact your local sales or service engineer for full details.

*\*Custom port sizes available*