

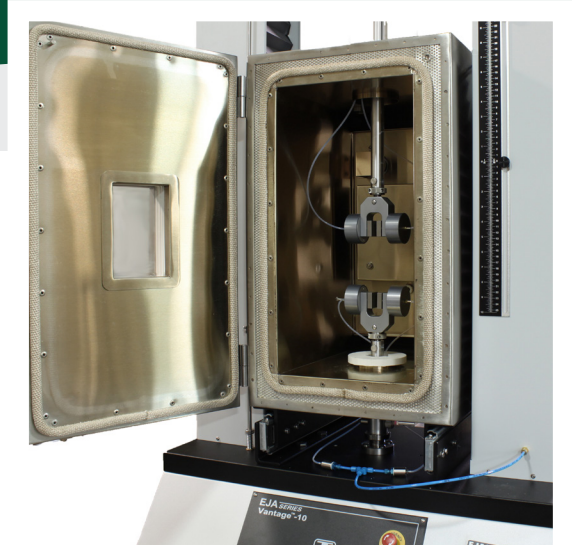
Environmental Chamber for Materials Testing

This environmental chamber is specifically designed for use with Thwing-Albert's Vantage Series Universal Testing Machines. Environmental chambers can be fit for both single column or dual column frames to provide a climate controlled testing environment.

The temperature controls of the chamber allow for testing from -100F to 600F. A full line of grip and fixture options can but used in conjunction with the chamber to meet a variety of testing applications.

The chamber has an internal height dimension of 20 in (508 mm) providing enough travel for testing a variety of materials including textiles, fibers, plastic films and composites. In addition, the large internal space makes changing grips and fixtures effortless.

The chamber is shipped pre-mounted on the Vantage frame and easily slides on bearings for testing with or without the use of the chamber. A built-in viewing window and internal light enables the operator to view the test in progress.



▲ The environmental chamber mounted on dual column Vantage-10 tester to measure the affects of elevated temperatures on material performance.





	Vantage^{NX}	Vantage^{NX} Duo	Vantage-10
External Dimensions	22" W x 24.25" H x 8.75" D	13" W x 29.25" H x 29.31" D	15.25" W x 28.25" H x 29.31" D
Internal Dimensions	6" W x 20" H x 5.25" D	7.75" W x 20" H x 12" D	10" W x 20" H x 12" D
Temperature Range	-100 to +400 F	-100 to +600 F	-100 to +600 F
Electrical	115V, 1 Phase, 50/60 Hz	115V, 1 Phase, 50/60 Hz	115V, 1 Phase, 50/60 Hz
View Port	4" x 6" (2 pane)	4" x 6" (3 pane)	4" x 6" (3 pane)
Power Consumption	1500 Watts	1500 Watts	2250 Watts 19.6 amps

* Specifications Subject to Change