



LICENSED UNDER ONE OR BOTH OF U.S. PATENTS 8,733,186 AND 9,677,991

Blowing Sand & Dust Chamber

Features

- ❖ Fully Welded Stainless Steel Test Chamber
- ❖ Customizable Levels of Automation
- ❖ Integrated Industrial Vacuum System
- ❖ Automated Rotating Table w/ Slip Ring
- ❖ HMI Data Recording System
- ❖ Particle Separation System with filtration
- ❖ Window Cleaning System
- ❖ Dust Fluidizing System
- ❖ LED Interior Lighting
- ❖ Stainless Steel Distribution Nozzles

ENVIRONMENTAL TEST CHAMBERS

The Blowing Sand & Dust Chamber will satisfy all test parameters and requirements for the **MIL-STD 810H (Method 510.7) Procedure I & II.**

OPTIONAL ITEMS

1. CAN BE DESIGNED FOR ONLY SAND OR ONLY DUST, WITH THE OPTION TO ADD THE OTHER TEST CAPABILITY IN THE FUTURE
2. SYSTEM DIMENSIONS CAN BE CUSTOM DESIGNED

	Procedure I: Blowing Sand	Procedure II: Blowing Dust
Velocity Range	1.5 – 2.9 m/s	1.5 – 9 m/s
Temperature Range	70 - 160°F	
Concentration	0.18 – 2.5 g/m ³	1 – 12 g/m ³
Power & Air Requirements	Voltage – 480V/3PH/60Hz, 360FLA Compressed Air – 20 SCFM @100 PSI	
Test Standards	MIL-STD 810H, Method 510.7 (Procedure I & II)	

All products proudly manufactured in the U.S.A.

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