



Above: Environmental Test Rig Unit - Exterior

Left: Interior Arrangement of the Desert Wind™ Environmental Test Rig

PRODUCT DESCRIPTION

- The Desert Wind™ Portable Environmental Test Rig is designed to precisely deliver as little as 0.04 lbs/hr of test media to facilitate Jet Propulsion Environmental Testing.
- The Environmental Test Rig has the capability to simulate different atmospheres by utilizing various air and particulate compositions.
 - Continuous testing capability from (1) one hour to (1000) one-thousand hours.

FEATURES

Fully Automated Design Features

- Automated control of all test parameters.
- Operator Safety Silica Dust Control System
- Color Touch Screen & PLC Operation
- Remote Operation
- Mass/Time Media Delivery
- Data Recording @ 1 Hz
- Maintenance Alarms
- Fully Instrumented

TECHNICAL SPECIFICATIONS

Test Plan	As Required
Material Feed Rate	0.3 g/min. to 136 g/min
Velocity Range	Idle to Full Thrust
Humidity Control	15 ppm H ₂ O
Engine Size	As Required

CONTACT INFORMATION

Air Dynamics Industrial Systems Corporation

180 Roosevelt Ave, York, PA 17401

P 717-854-4050

F 717-854-4020

sales@airdynamics.net

www.airdynamics.net

* Design subject to change without notice due to continued research and improvements. Performance ratings +/- 10%.

US Patent

8,733,186 B2 & 9,677,991