



Airbag Inflator Helium Leak Test System



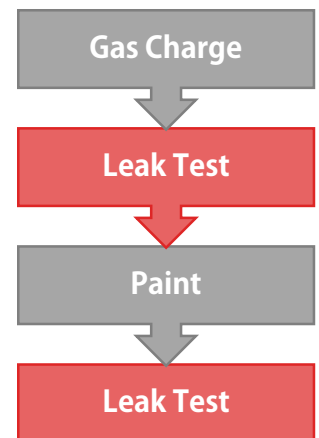
Specifications

- **Product:** Air Bag Inflator
- **Tracer Gas:** Helium
- **Leak Reject Rate:** 1×10^{-6} atm-cc/sec of Helium
- **TAKT Time:** 15 Seconds
- **Pre-Charged:** Yes
- **Pump Size:** 13.9 CFM
- **Chamber Volume:** Varys as Needed
- **Installation Date:** 2005

VTI's Airbag Inflator Helium Leak Test System is engineered to provide safe and reliable fine leak test for varying sized Units Under Test (UUT).

This custom system is comprised of two completely independent leak test circuits with a shared PLC control system to allow asynchronous leak testing. The chambers are designed to be close fitting to the cylindrical part to minimize vacuum chamber volume and increase efficiency of the system. These chambers are interchangeable to allow flexibility to test different sized UUT. To ensure the test data matches the correct UUT, a stationary bar scanner is mounted inside of the light curtain to scan the UUT right before the leak test begins.

The control system is integrated with the customer's database to provide real-time data. It is also interlocked with other equipment on the production line to guarantee testing requirements are met in production.



Other Test Systems Available.
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