

PBS-1 SINGLE CHAMBER GAS HANDLING SYSTEM BOMBING STATION

The VIC PBS-1 Single Chamber Bombing Station is designed for precise helium tracer gas leak detection in automotive, aerospace, and electronics. Its single-chamber design simplifies testing, ensuring reliable identification of even the smallest leaks while reducing test times.

BENEFITS

- Easy to read control panel
- Manifolding schematic simplifies cycling of the system
- Fail-safe locking system prevents chamber from opening under pressure
- Quiet direct-drive mechanical pump
- Coaxial trap provides for contamination-free evacuation of the chamber
- Safety over-pressure relief valve
- Customization Available



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Features

- Bombing for hermetically sealed devices
- 1 ASME coded chamber
- Pressurized to 110 psi
- Continuous helium flow
- Evacuation, venting and purging with dry gas (N2 or other)

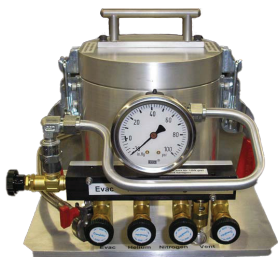
Operation

- Initial Startup
- Loading of Canister
- Evacuation of Canister
- Pressurization with Helium
- Bombing Period
- Venting of Canister
- Flushing the Devices
- Shutdown of the Bombing Station

Specifications

Chamber Size	ASME coded 9" diameter by 10-1/2" deep
Maximum Operating Pressure	110 psig
Pump	3.2 CFM direct drive mechanical pump with coaxial trap
Operation	Controls provide initial evacuation, venting after bombing and purging of the chamber with Nitrogen and other gases
Valves	Manual helium, evacuation, N2 purge and vent
Safety	110 psig pressure relief valves
Dimensions	24" W x 23 1/2" D x 43" H
Shipping Weight	160 lbs
Power Requirements	120V, 60Hz; 220v/50Hz

Other Formats



• PV883 JUNIOR



• PV883



• PBS - 2

