

PBS-2 DUAL CHAMBER GAS HANDLING SYSTEM BOMBING STATION

The **VIC PBS-2** Dual Chamber Bombing Station is designed for advanced helium tracer gas leak detection in automotive, aerospace, and electronics. Its dual-chamber design allows simultaneous testing, ensuring efficient identification of even the smallest leaks while reducing overall 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
- 2 ASME coded chambers
- Pressurized to 110 psi
- Continuous or independent flow
- Two devices can be prepared differently
- 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	2 ASME coded, 9" diameter by 10-1/2" deep (2 gallon volume)
Maximum Operating Pressure	110 psig
Pump	7 CM direct drive mechanical pump with coaxial trap to prevent backstreaming into the chamber
Operation	Controls provide initial evacuation, venting after bombing and purging of the chamber with Nitrogen and other gases
Valves	Manual, designed for long life
Safety	110 psi pressure relief valves
Dimensions	22" Wx 23" D x 40.5" H
Shipping Weight	345 lbs
Power Requirements	100/115V, 60 Hz; 220V, 50 Hz
Frame	Open frame style with swivel-type casters and mica top

Other Formats



• PV883 - JUNIOR



• PV883



• PBS - 1

