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- Modular Cleanrooms
- Cleanroom Passthroughs and Air Showers
- Cleanroom and Gowning Room Equipment
- Desiccators (Dry Boxes)
- Glove Boxes: Isolation and Containment Chambers**
 - Overview and Applications
 - Plastic Glove Boxes
 - Stainless Steel Glove Boxes
 - [Series 300 Glove Boxes](#)
 - Series 310 Vacuum Glove Box
 - [Series 400 Glove Boxes](#)
 - Series 500 Glove Boxes
 - Series 600 Glove Boxes
 - BioSafe™ Glove Boxes
 - Insulated Constant Temperature Gloveboxes
 - Smart Glovebox
 - USP <797> Compounding Glovebox
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 - Mail Handling Chambers
 - [Air Locks, Access Doors](#)
 - Gloveboxes Accessories
 - Glove Boxes Resources
- Laminar Flow and Ductless Exhaust Fume Hoods
- Laboratory Equipment
- Environmental and Vacuum Chambers
- Cleanroom Benches and Workstations
- Cleanroom & Laboratory Chairs
- Cleanroom and Laboratory Storage
- Cleanroom, Laboratory & Medical Carts
- Wet Processing and Cleaning Stations
- Cleaning, Disinfection and Decontamination
- Static-Control Equipment
- Packaging and Handling
- Measuring and Recording
- Pumps and Compressors
- Safety Equipment
- Tools and Tweezers

Stainless Steel Glove Boxes: Series 300



Features Key
 Standard Option

- A** DewWatch Relative Humidity Control System
- B** Dual Purge Nitrogen Purge Controller
- C** Stainless steel air lock
- D** 4-port twin chamber No. 1694-04B includes fluorescent light (dual-port models available)
- E** 10"-diameter plastic glove ports (shown with optional two-piece glove and sleeve combination)
- F** Vacuum/Nitrogen Pump
- G** Pass-Through Vacuum/Nitrogen Oven (No. 5401-00A)
- H** Powder-coated steel stand with leveling feet
 Options include ionizing module, port caps, stainless steel ports, trace oxygen controller

- Provides a clean, air-tight, controlled environment for a wide range of manufacturing processes in semiconductor, pharmaceutical, and other industries
- Air Lock features recessed polyurethane seals and heavy-duty latches and hinges for enhanced durability and sealing performance
- Side flanges simplify insertion/removal of process equipment and allow easy addition of ovens and air locks
- Removable arm ports can be interchanged to meet specific requirements and accept a wide variety of gloves
- Select single model (with two glove ports) or twin model (with four glove ports)

Versatile Glove Box Solutions

The Series 300 Stainless Steel Controlled Atmosphere Chamber provides a hermetically sealed environment for such manufacturing operations as resistance welding of semiconductor hybrids, parts degassing, temperature and humidity testing, and chemical mixing in a nonreactive environment.

A wide safety glass viewing window is tightly installed using gasketed seals that ensure minimum vapor loss and stand up to positive pressures. A fluorescent light fixture, cord and switch are mounted to the exterior of the chamber to ensure proper illumination without contaminating the internal environment or posing a combustion hazard in the presence of flammable gases.

Convenient Access, Optimal Versatility

These chambers come standard with removable arm ports (two or four, depending on the model selected) that are double-gasketed and bolted to the chamber wall for strength and optimal seal integrity. They can be easily removed and replaced with custom ports designed to meet specific requirements. (Order gloves separately.)

Like our other stainless steel chambers, all Series 300 models also feature side access flanges that allow easy attachment of Terra's process modules (ovens and air locks) and also permit "cascading" of several chambers in series. These flanges are easy to remove and reinstall and feature a "U-channel" double-gasketed seal that guarantees the integrity of the internal environment.

Air Locks Allow Convenient Access

Optional gas purge controls automatically—

- Establish a Class 1 particle-free environment
- Maintain a humidity set point down to 0% RH/0.5 ppm(v) H₂O
- Minimize system recovery time
- Provide precise gas mixtures for leak testing and other processes

Configure a turnkey system to your process specifications—

- Humidity Controllers
- Process Gas Mixers
- Gas Cooler/Heater
- Recirculation Filtration Module
- Pass-Through Ovens
- More!



Air Lock Provides Convenient Access.



Now with all-304/316 stainless steel latches to eliminate scratching, corrosion and contamination common with plated hardware.

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Did You Know?



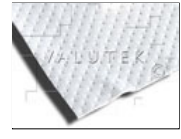
N2-purged cabinets endanger personnel when operated in poorly ventilated spaces. [O2 Deficiency Monitors](#) provide a vital safety alert.

Tech Tips



What makes a glovebox an "isolator"? Or a "mini-environment"? What does "WG" mean? Our [glovebox glossary](#) explains ...

Did You Know?



Terra provides complete lines of economical Valutek cleanroom wipers and paper products.

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\$1,433
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