

GLOVE BOXES, STANDARD OR CUSTOM, FROM STOCK OR BUILD TO SUIT.



Step 1

Plastic Glove Boxes (Series 100 and 200)



- Single or Twin (one or two operators)
- Five different polymers (see sidebar on "Glove Box Materials")
- Positive or Negative Pressure Air locks and vacuum antechambers

Stainless Steel Glove Boxes (Series 300 - 600)



- Single or Twin (one or two operators)
- Safety glass viewing windows or full-view plastic access panels
- Air locks and vacuum antechambers

Step 2

Environmental Control Modules *Customized Performance—Straight from Stock*



Humidity Control

These modules monitor and regulate the process gas to maintain the humidity level you specify. Low-humidity modules achieve desired conditions by regulating the purge gas (nitrogen, argon, or dry air).

- Dual Purge™
- System DewWatch™
- NitroWatch®
- Humex™



Vacuum Control

Control modules and pumps are available for a wide range of process pressures, from 5" WG to one atmosphere.

- VacuumChambers
- Turnkey Fitting Kits
- Vacuum Controllers
- Vacuum/Nitrogen Pumps



Process Gas Generation & Analysis

Terra provides gas generators, mixers, and monitors to guarantee a reliable processing environment.

- Nitrogen Generator
- Gas Mixer
- Dryex™ Dry Air Generators
- Trace Oxygen Analyzer
- Dry Gas Generator



Static Control

Terra engineers will configure the right combination of ionizers and dissipative materials to protect sensitive parts against ESD.

- Ionizing Bar and Blower
Static-Dissipative PVC
- Ionizing Gun



Temperature Control

A wide range of process temperature solutions, from -40° to +300°C. Double-wall, insulated glove boxes ensure stable temperatures. The Process Controller allows multi-cycle process documentation and control.

- Process Gas Heater
- Refrigeration Module
- Process Gas Cooler
- Process/Sequence Controller
- Pass-Through Vacuum Ovens



Particle and Germ Control

Terra helps you meet particle requirements as low as Class 1 through laminar flow and HEPA/ULPA filtration technologies. Radius corners and ultra-clean materials (including electropolished stainless steel) contribute to a clean, aseptic processing environment.

- Filtration/Recirculation Modules
- Laminar Flow Filter/Fan Modules