

# ChemoSphere™

*By IsoTech Design - Manufacturer of Microsphere™*

The safer, cleaner, most  
cost-effective glove box  
for chemo compounding



**USP 797  
OSHA & NIOSH  
COMPLIANT**

ChemoSphere™ 4 ft

**FOR CHEMOTHERAPY COMPOUNDING**  
**Why Build a cleanroom?**

*Innovators in Clean Air Technology*

## Advantages

- ◆ **Modular**: Many sizes (4' - 6' - 8') and options available.
- ◆ **Ergonomic**: Easy-to-operate, install and maintain.
- ◆ **No Cleanroom to build, minimal gowning**: Very cost-efficient.
- ◆ **Safe**: Stainless steel barrier glove box in negative pressure with alarms and interlock.
- ◆ **Aseptic**: ISO Class 4 (Class 10) unidirectional airflow - Meets the **USP (Chapter 797)** state boards and OSHA regulations.

## Specifications

|  |  |
|--|--|
| APPLICATIONS   | ◆ For Chemotherapy and gene therapy compounding.   |
| CONSTRUCTION   | ◆ Chamber and Worksurface: 316L Stainless Steel.<br>◆ Front and side panels 1/2" clear polycarbonate.  |
| AIR FILTRATION   | ◆ Hepa filters (99.99% DOP at 0.3 u) unidirectional flow.<br>◆ Bag-out system for contaminated HEPA filter.  |
| FAN  | ◆ Centrifugal fan unit.<br>◆ On/Off switch.<br>◆ Variable speed control.   |
| LIGHTING   | ◆ Compact fluorescent light fixture (40W).<br>◆ On/Off switch.   |
| NOISE LEVEL  | ◆ Quiet. Less than 55 dB.  |
| CONTROL PANEL  | ◆ Magnehelic and Photohelic differential pressure switch / gauge.<br>◆ Audible Alarm.<br>◆ Mechanical door interlock system.<br>◆ Hospital grade power cord.   |
| ELECTRICAL REQUIREMENT   | ◆ Supply: 115V / 60 Hz / 3A.   |
| DIMENSIONS   | ◆ Length: 4, 6 or 8 ft.    ◆ Depth: 2.5 ft (30").    ◆ Height: 6.75 ft (80").  |
| TRANSFER CHAMBER   | ◆ ISO Class 5 (Class 100) unidirectional flow.<br>◆ Length: 12".<br>◆ One can be located on the left side of the glove box or two with the 8 ft unit located on each side of the unit.   |
| GLOVE PORTS  | ◆ Quantity: 2, 3, or 4.<br>◆ Size: 12" PVC Shoulder port rings.<br>◆ PVC Sleeves lined on the outside and PVC cuff rings.<br>◆ Gloves: Dexterous Chemotherapy approved gloves (Meets ASTM F739).   |
| DELIVERY   | ◆ 8-12 weeks.  |
| WARRANTY   | ◆ 18 months / Extended 36 months.  |
| ACCESSORIES<br>AND OPTIONS<br>THAT MAKE THE<br>CHEMOSPHERE™<br>UNIQUE AND<br>ERGONOMIC | ◆ Open front hinged access panel.    ◆ Casters.<br>◆ Waste disposal port.    ◆ IV-Bar.<br>◆ Double HEPA Filtration.    ◆ Electrical outlet.<br>◆ Shelving system.    ◆ Gas port.<br>◆ Ergonomic chair.    ◆ Disposable and Start-up kit.<br>◆ Lifting system.    ◆ Installation, certification, start-up and training. |
| DOCUMENTATION  | ◆ Operation and maintenance manual.<br>◆ S.O.P. (Standard Operational Procedure).  |

**Head Office :**  
5778, Thimens, Montreal (Quebec)  
Canada H4R 2K9  
Tel. : **514. 956.1602**  
Direct: 800. ISO.2010  
Fax : 514. 956.1032  
E-Mail: info@isotechdesign.com  
Web: isotechdesign.com

**IsoTech Design USA :**  
10532 NE 68th Street, Suite D-101  
Kirkland WA 98033-7001 USA  
Tel. : **425. 822.8413**  
Direct: 800. ISO.2010  
Fax : 425. 827.4850  
E-Mail: info@isotechdesign.com  
Web: isotechdesign.com