

# ChemoSphere™

*By IsoTech Design - Manufacturer of Microsphere™*

The safe, clean, cost-effective  
compounding aseptic containment  
isolator (C.A.C.I.) for chemo compounding



**USP 797  
OSHA & NIOSH  
COMPLIANT'S**

ChemoSphere™ 4 ft

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

*Innovators in Clean Air Technology*

## Advantages

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

## Specifications

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

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