

# CHEMOSPHERE™

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

**USP <797 / 800 >, OSHA, AND NIOSH COMPLIANT**



PROTECTING LIFE  
PROTEGER LA VIE  
PROTEGIENDO LA VIDA

CHEMOSPHERE™ 4x2



# CHEMOSPHERE™ BENEFITS

**ASEPTIC**

**SAFE**

**ERGONOMIC**

**MODULAR**

**NO CLEANROOM TO BUILD**

ISO Class 4 (Class 10) - Meets USP <797/800> and all other regulations

Stainless steel barrier isolator in negative pressure with alarms and interlock. Meets OSHA & NIOS requirements.

Easy-to-operate, install and maintain

Many sizes and options available

Very cost-efficient

## APPLICATIONS FOR CHEMO COMPOUNDING

### AIR FILTRATION

- > **PREFILTER** Ashrae 30% or equivalent
- > **FILTER** Hepa filters (99.99% DOP at 0.3 µm) vertical unidirectional flow
- > **BAG-OUT SYSTEM** For contaminated Hepa filter
- > **AIRFLOW** Unidirectional, ≥ 400 cfm
- > **FACE VELOCITY** ≥ 40 fpm at 6 inches from filter face

### CONTROL PANEL

- > Magnehelic and photohelic differential pressure switch/gauge
- > Audible alarm
- > Mechanical door interlock system
- > Hospital grade power cord

### DIMENSION

- > **LENGTH** 4 or 8 ft
- > **DEPTH** 2.5 ft
- > **HEIGHT** 6.75 ft

### ELECTRICAL REQUIREMENTS

- > 115V / 60 Hz / 3A (4 ft model)

### FAN

- > Centrifugal fan unit
- > On/Off switch
- > Variable switch control

### GLOVE PORTS

- > **QUANTITY** 2 or 4
- > **GLOVES** Dexterous sterile non latex chemo approved
- > **SIZE** 10" Stainless Steel shoulder port rings
- > **SLEEVES** PVC sleeves lined on the outside and PVC cuff rings

### LIGHTING

- > Compact fluorescent light fixture (40W)
- > On/Off switch

### MATERIALS OF CONSTRUCTION

- > **WORKSURFACE** 316L Stainless Steel
- > **CHAMBER** 304L Stainless Steel
- > **TRANSPARENT PANELS** 3/8" Clear polycarbonate

### NOISE LEVEL

- > Quiet, less than 55 dB

### TRANSFER CHAMBER

- > One on the left side of the 4 ft model. On the 8 ft model, either one on each side, or one in the middle.
- > Unidirectional ≥ 40 fpm air flow at 6 inches from filter face
- > ISO Class 5 (Class 100), at rest condition
- > **LENGTH** 12"

## ACCESSORIES

- > Open front slanted hinged access panel
- > Casters
- > Waste and sharp disposal port
- > IV-Bar
- > Sharp disposal port
- > Electrical outlet
- > Shelving system
- > Secondary HEPA filtration system
- > Ergonomic chair
- > Lifting system for height adjustment
- > Essentials, safety, and accessories kits
- > Installation, certification, start-up and training

## DELIVERY

- > Between 8 and 12 weeks

## DOCUMENTATION & SERVICES

- > Operation and maintenance manual
- > S.O.P. (Standard Operational Procedure)
- > Total Service Plans (TSPs)

## WARRANTY

- > 12 months