

# CHEMOSPHERE™ -SV

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™-SV 3 x 2



# CHEMOSPHERE™-SV BENEFITS

<b>ASEPTIC</b>	ISO Class 4 (Class 10) - Meets USP <797 & 800> and all other regulations
<b>SAFE</b>	Stainless steel barrier isolator in negative pressure with alarms. Meets OSHA & NIOSH requirements.
<b>ERGONOMIC</b>	Easy-to-operate, install and maintain
<b>MODULAR</b>	Many sizes and options available
<b>NO CLEANROOM TO BUILD</b>	Very cost-efficient

## APPLICATIONS

FOR SMALL VOLUME CHEMO COMPOUNDING

## AIR FILTRATION

- > PREFILTER      MERV 8, 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, ≥ 360 cfm
- > FACE VELOCITY      ≥ 60 fpm at 6 inches from filter face

## CONTROL PANEL

- > 2 Magnehelic gauges      > Low pressure audible alarm
- > Audible alarm
- > Mechanical door system
- > Hospital grade power cord

## DIMENSION

- > LENGTH      37"    > DEPTH      25"    > TOTAL HEIGHT      69"
- > WORKING CHAMBER HEIGHT      39"

## ELECTRICAL REQUIREMENTS

- > 115V / 60 Hz / 1.9A

## FAN

- > Centrifugal fan unit      > 8" Exhaust port available  
to the left, right or middle.
- > On/Off switch
- > Variable switch control

## GLOVE PORTS

- > QUANTITY      2
- > ISO-GCS      Adaptable to any chemo approved gloves
- > SIZE      8" Stainless Steel shoulder port rings
- > SLEEVES      PVC sleeves lined on the outside and PVC cuff rings

## LIGHTING

- > Compact LED fixtures
- > On/Off switch

## MATERIALS OF CONSTRUCTION

- > WORKSURFACE      316L Stainless Steel
- > CHAMBER      316L Stainless Steel
- > TRANSPARENT PANELS      1/4" Clear polycarbonate

## NOISE LEVEL

- > Quiet, less than 55 dB

## TRANSFER CHAMBER

- > One on the left side of the 3 ft model
- > Unidirectional ≥ 60 fpm air flow at 6 inches from filter face
- > ISO Class 5 (Class 100), at rest condition
- > LENGTH 12"

## Access Door

- > 15" x 10" : 1/4" polycarbonate for weekly cleaning & entering equipment

## ACCESSORIES INCLUDED

- > Front slanted panel
- > Casters
- > IV-Bar
- > Electrical outlet
- > Shelving system
- > Lifting system for height adjustment (10")
- > Essentials kits
- > Ducting & Clamps

## DELIVERY

- > Immediate: 7-10 days

## DOCUMENTATION & SERVICES

- > Operation and maintenance manual
- > S.O.P. (Standard Operational Procedure)
- > Essential plan for startup & S.O.P training

## WARRANTY

- > 12 months