

CHEMOSPHERE™

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

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



CHEMOSPHERE™ 4 x 2

PROTECTING LIFE
PROTÉGER LA VIE
PROTEGIENDO LA VIDA



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** 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, ≥ 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
- > **HEIGHT** 6.75 ft
- > **DEPTH** 2.5 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
- > **ISO-GCS** Includes 3 cuff extensions + 2 plugs
- > **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 or two depending on the model
- > Unidirectional ≥ 40 fpm air flow at 6 inches from filter face
- > ISO Class 5 (Class 100), at static and dynamic conditions.
- > **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
- > Lifting system for height adjustment
- > Essentials kit
- > Installation, start-up and training (online)

DELIVERY

- > Immediate 7-10 days (if available in stock)
- > 8 weeks (if not in stock)

DOCUMENTATION & SERVICES

- > Operation and maintenance manual
- > S.O.P. (Standard Operational Procedure)
- > Essential Plan

WARRANTY

- > 12 months