ISO TECH DESIGN

C LEAN A IR **797/800**
E SSENTIALS

FOR STERILE COMPOUNDING
SMALL & MEDIUM VOLUME

INNOVATORS IN CLEAN AIR TECHNOLOGY

MICRO**SPHERE**™

The clean, cost-effective compounding aseptic isolator (C.A.I.) to meet USP<797> requirements for sterile compounding

USP <797> COMPLIANT

MICRO**SPHERE**™ **4 x 2**

PROTECTING LIFE
PROTÉGER LA VIE
PROTEGIENDO LA VIDA

MICRO**SPHERE**™ BENEFITS

ASEPTIC	Physical barrier between products and operators ISO Class 5 (Class 100) - Meets USP <797> and all other regulations
ERGONOMIC	Easy-to-operate, install and maintain
MODULAR	Many sizes and options available
NO CLEANROOM TO BUILD, MINIMAL GOWNING	Very cost-efficient

APPLICATIONS

FOR STERILE COMPOUNDING AND ADMIXTURE

> Antibiotics, biotech, diabetics, ophtalmics, intrathecals, pain management, respiratory and TPN

AIR FILTRATION

> **PREFILTER** MERV 8, 30% or equivalent
> **FILTER** Hepa filters (99.99% DOP at 0.3 μm) vertical unidirectional flow
> **AIRFLOW** Unidirectional, ≥ 300 cfm
> **FACE VELOCITY** ≥ 40 fpm at 6 inches from filter face

DIMENSION

> **LENGTH** 4, 6, 8 ft and custom   > **DEPTH** 2.5 ft

ELECTRICAL REQUIREMENTS

> 115V / 60 Hz / 3A (4 ft model), 5A (6 ft and 8 ft model)

ERGONOMICS

> Slanted front panel
> Seated or standing work position
> Footrest

FAN

> Blower speed can be adjusted
> On /Off Switch

GLOVE PORTS

> **QUANTITY** 2, 3, 4 or custom
> **GLOVES** Sterile non latex, and non-sterile gloves
> **ISO-GCS** Includes: 3 cuff extensions and 3 plugs
> **SIZE** 10" Stainless steel shoulder port rings PVC laminated Sleeves and PVC cuff rings

LIGHTING

> **FLUORESCENT LIGHTING** 40W fixture mounted within the top panel
> **STRENGTH** ≥ 600 lux (58 foot candles) at the work level

MATERIALS OF CONSTRUCTION

> **SUPPORT FRAME** Anodized aluminum (Fed. St.)
> **TOP PANEL** Fan filter module with aluminum support structure
> **SIDE / SLANTED FRONT PANELS** Clear polycarbonate AR (Abrasion Resistant)
> **BACK PANELS** White polypropylene
> **WORKSURFACE** 316L Stainless Steel pan type N° 4 finish

NOISE LEVEL

> Quiet, less than 65 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)
> **SIZE** 12", 18" and 24"

TRANSFER DOORS

> Sliding

Starting Weight

> MicroSphere 4' starts at 275 lbs Exact weight depends on options and sizes.

ACCESSORIES

> Open front slanted hinged access panel
> Casters
> Waste disposal port
> IV-Bar
> Sharp disposal port
> Electrical outlet
> Shelving system
> Data cable port
> 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)
> Total Service Plans (TSPs)

WARRANTY

> 12 months

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CLEAN **A**IR **E**SSENTIALS 797/800