

CHAMBERS AND GLOVE BOXES

Powder Handling Isolator

The new **840-Series** Powder Handling Isolator is a closed-loop HEPA-filtered containment glove box used for small-scale handling/weighing of active pharmaceutical ingredients (“APIs”) in powder form.

Observed Containment Levels:
<1.0 Nanograms/cubic meter

With optional Bag-In / Bag-Out Port (pn: 800-BIBO)

Standard Features of the 840-Series:

- Standard 24 month warranty (Not gloves or consumables)
- 3/8” thick clear acrylic construction with 3/8” thick bright white acrylic bottom.
- Hinged Front Door with oval polypropylene glove ports and door lock hasp.
- White Hypalon™ Gloves.
- Closed-Loop Double HEPA Filtration Package.
- Two clear acrylic square transfer chambers. Ingress/Egress. No gas valves. ID: 17” wide x 13” deep x 13” high. Not engineered for vacuum use.
- Magnehelic™ Gauge bracket with on/off switch for blower.
- No removable top.
- HEPA Capsule with manual ball valve.
- Magnetic Interlocks on transfer chamber doors.
- Single, covered electrical receptacle.
- Work Station Ionizer, #800-AS/SPI.
- Leak test Report, ISO 14644-7 class I ($T_f \leq 5 \times 10^{-4}$).



840-PH-10

840-PH-10/Exp, Export Model

Included!



800-AS/SPI, Anti-Static Ionizer. Emits alternating positive and negative ions, removing static inside the glove box. This is a non-air assisted static eliminator, (no blower / no fan). The 800-AS/SPI is perfect for working with fine powders and chemicals.

Product Data	840-PH-10 840-PH-10/Exp	840-PH-20 840-PH-20/Exp	840-PH-30 840-PH-30/Exp
Inside Dimensions	34”w x 24”d x 30”h 88cm x 61cm 76cm high	46”w x 24”d x 30”h 118cm x 61cm x 76cm high	59”w x 24”d x 30” high 151cm x 61cm x 76cm high
Outside Dimensions (Includes transfer chamber)	72”w x 30”d x 48”h 183cm x 76cm x 122cm high	84”w x 30”d x 48”h 214cm x 76cm x 122cm high	97”w x 30”d x 48” high 247cm x 76cm x 122cm high
Approximate Shipping Dimensions (Crated)	90” x 48” x 57” 229cm x 122cm x 145cm	105” x 40” x 57” 267cm x 102cm x 145cm	99” x 42” x 59” 252cm x 107cm x 150cm



840-PH-20

840-PH-20/Exp, Export Model

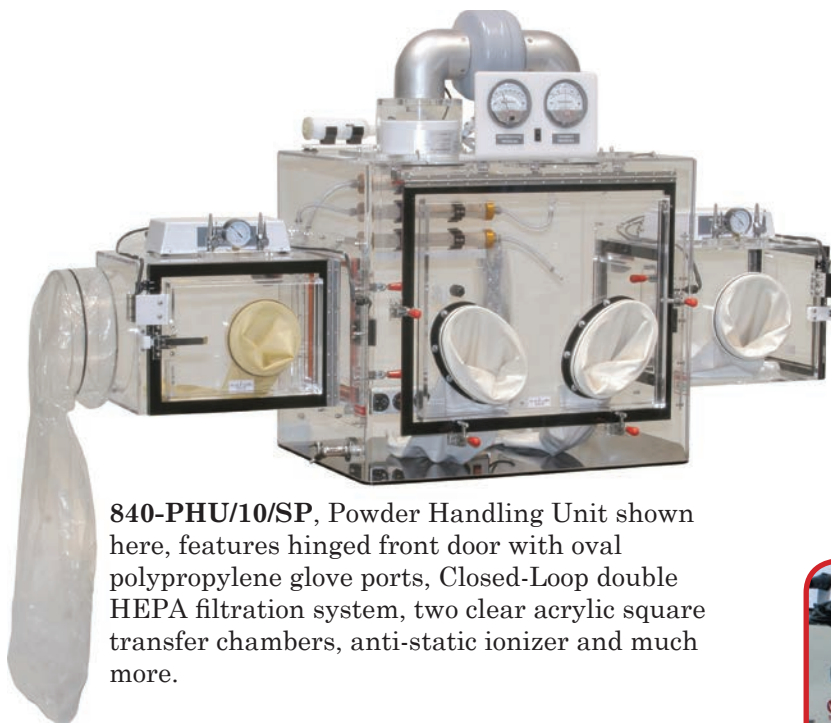


Transfer Chamber

- Features square transfer chamber: 17” wide x 13” deep x 13” high
- Door opening: 27” wide x 22” high
- Door interlock system for safety.
- **Not engineered for vacuum use.**
- For safety, only one transfer chamber door can be opened at a time.

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Powder Handling Isolator Options and Accessories



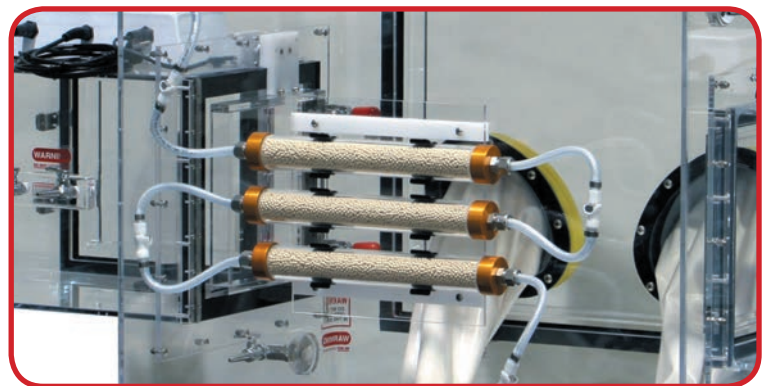
840-PHU/10/SP, Powder Handling Unit shown here, features hinged front door with oval polypropylene glove ports, Closed-Loop double HEPA filtration system, two clear acrylic square transfer chambers, anti-static ionizer and much more.

< 1.0 Nanograms / cubic meter

with optional Bag-In / Bag-Out port
(800-BIBO/PORT)

800-BIBO/PORT, Bag-In / Bag-Out port includes a 14" x 48" long ArmorFlex™ polypropylene bag for safe removal of HEPA filters.

Used HEPA filters are always contained and are never exposed outside of the containment isolator. Bag port is 12" OD (304mm OD) clear acrylic with two machined grooves for bag placement.



800-DT, Drying Train System for humidity reduction. Includes three (3) canisters filled with molecular sieve, quick disconnects, and vacuum pump.

Bag Port Crimper Tool

The **800-BIBO/CRIMPER** allows you to safely and securely remove, and seal, used HEPA filters.

HEPA filters are removed from the inside of the glove box, through the transfer chamber, and into the Bag-In / Bag-Out port. The used HEPA filters are never exposed to the laboratory atmosphere or the researcher.



800-BIBO/CRIMPER



800-BIBO/CRIMPS



BAG-IN / BAG-OUT accessories:

800-BIBO, Bag-In / Bag-Out port.

800-BIBO/BAGS, Additional bags.

800-BIBO/CRIMPER, Crimper tool and caps.

800-BIBO/CRIMPS, Red closure crimps for bags.

Electrical requirements: North American
115-120 Volts, 60 Hz. 1Amp. Export models
220-240 Volts, 50 Hz. .5 Amp.

Rafer INNOVACIÓN
TECNOLÓGICA
PARA LABORATORIO

www.rafer.es

Barcelona

93 645 50 28
barcelona@rafer.es

Bilbao

94 499 85 80
bilbao@rafer.es

La Coruña

981 93 89 26
galicia@rafer.es

Madrid

91 365 15 70
madrid@rafer.es

Málaga

639 359 792
malaga@rafer.es

Sevilla

954 369 334
sevilla@rafer.es

Valencia

96 340 48 00
levante@rafer.es

Zaragoza

976 23 74 00
rafer@rafer.es

Lisboa

21 154 19 98
lisboa@rafer.es