

Compounding Isolator

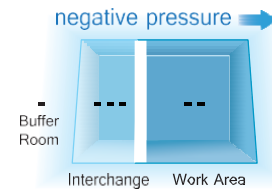
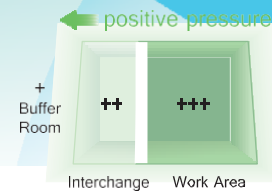
PHARMAGARD^{ES}



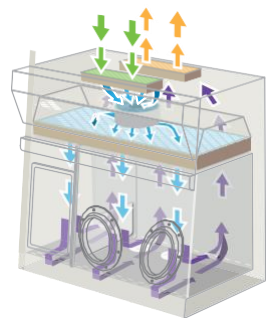
PharmaGard Compounding Isolator



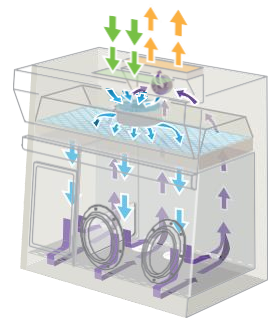
Non Hazardous Drugs NU-PR797



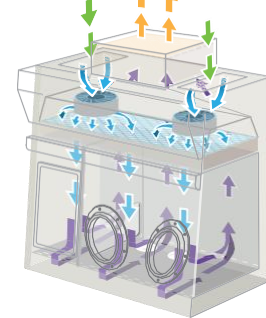
Hazardous Drugs NU-NR800



PharmaGard PR797 Airflow NU-PR797



PharmaGard NR797 Airflow NU-NR800



PharmaGard NTE797 Airflow NU-NTE800

Feature



- ① Sample zone, work zone 의 완벽한 분리
- ② 손쉬운 Glove 교체
- ③ Waste Disposal system in Work zone

Specifications

Model	Width Size (m)	Overall Dimensions (W×D×H mm)	Work zone Dimensions (W×D×H mm)	Interchange Dimensions (W×D×H mm)	Pressure
NU-PR797-400	1.2	1270 x 826 x 1308	895 x 591 x 695	359 x 610 x 695	Positive
NU-PR797-600	1.8	1880 x 826 x 1219	1505 x 591 x 695	359 x 610 x 695	Positive
NU-NR800-400	1.2	1270 x 826 x 1314	895 x 591 x 695	359 x 610 x 695	Negative
NU-NR800-600	1.8	1880 x 826 x 1314	1505 x 591 x 695	359 x 610 x 695	Negative
NU-NTE800-400	1.2	1270 x 826 x 1550	895 x 591 x 695	359 x 610 x 695	Negative
NU-NTE800-600	1.8	1880 x 826 x 1550	1505 x 591 x 695	359 x 610 x 695	Negative



(주)에이치에스바이오시스템즈

◆ 그 외 품목



MEMO

제품 & AS 문의 : 1670 - 4288

HS Biosystems
HumanTopia With BioScience

본사 : 경기도 화성시 동탄기흥로 593-16
대표전화 : 1670-4288 / FAX 031-378-2239
www.hsbiosystems.co.kr

NUAIRE

Laboratory Equipment

- CO₂ Incubator
- Biological Safety Cabinet
- -86°C Ultra-Low Temperature Freezer
- Compounding Isolator



대한민국 공식대리점 (주)에이치에스바이오시스템즈
제품문의 : 1670 - 4288

HS Biosystems
HumanTopia With BioScience

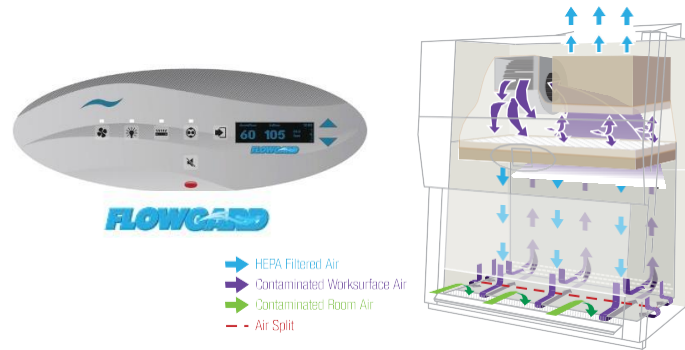
Biological Safety Cabinet



LabGuard Class II, Type A2 Biological Safety Cabinet

◆ 주요특징

- ① HEPEX Zero Leak Airflow System : Flow의 균등 배분, 교차오염 차단, 난류 최소화
- ② Large HEPA Filters : 99.99% Efficiency Rating
- ③ Ultra High Efficiency ECM Motor : 에너지 사용량 최적화, 필터 수명 연장
- ④ Single piece 304 Stainless Steel wrap (Silicone Free)
- ⑤ LED 전면창 적용 : 실시간 풍속, 시간, 온도, UV 사용시간, HEPA Filter 수명 등을 확인 및 제어 가능
- ⑥ 표준형 armrest & recessed airfoil : 인체공학적 디자인을 통한 작업 피로도 감소 및 작업 효율 극대화



Specifications

Model	Width Size	Interior Dimensions (W x D x H)mm	Exterior Dimensions (W x D x H)mm	Net Weight
NU-543-300	3 FT (0.9m)	873 x 654 x 724	1057 x 799 x 1572	181 KG
NU-543-400	4 FT (1.2m)	1178 x 654 x 724	1362 x 799 x 1572	211 KG
NU-543-500	5 FT (1.5m)	1483 x 654 x 724	1669 x 799 x 1572	249 KG
NU-543-600	6 FT (1.8m)	1788 x 654 x 724	1972 x 799 x 1572	281 KG

Standard Features

Energy Saver (ES) DC/ECM Motor
 Motor Speed Control
 Internal Exhaust Control
 Monolithic Pressure Tight Design (Silicone Free)
 HEPEX Zero Leak Airflow
 Front Filter Removal
 Permanent Plenum with Quick Release Supply Filter
 Metal Frame Supply HEPA Filter 99.99% @ 0.3 Microns
 Metal Frame Exhaust HEPA Filter 99.99% @ 0.3 Microns
 10" [254 mm] Access Opening

Optional Features and Accessories

Frame-less Sliding Tempered Glass View Screen
 External Fluorescent Lighting
 Plastic Armrest
 Removable Work Tray
 Work Surface Support System
 Metal Diffuser Over Supply Filter
 Spill Trough with Drain Valve
 Two Duplex Outlet Back-wall
 One Service Valve Right Side Wall
 One Service Couplings Left Side Wall
 12 ft [2.5m] Power Cord

12" [305mm] Access Opening (400, 500, 600 models only)
 Stainless Steel Armrest
 LED Lighting
 Germicidal UV Light
 Ground Fault Interrupter
 Additional Duplex Outlet
 IV Bar with Six Hooks
 Base Storage Stand
 Base Storage Cabinet
 Auto Lift Base Stand

Microscope Window
 Additional Service Valves
 Exhaust Transitions
 Storage Pull-Out Trays
 Decorative Side Panels
 Pre-piped Plumbing
 Sinks with Hot/Cold or DI water Faucets
 Heated Work-surface
 Adjustable Footrest
 Elbow Rests
 Custom Solutions

CO₂ Incubator



In-VitroCell ES (Energy Saver) Direct Heat CO₂ Incubator



◆ 주요특징

- ① CO₂ Sensor : Dual wave Infrared (IR) sensor : 빠르고 정확한 측정
- ② 160, 200L 용량의 넓은 활용공간 (4 Shelves)
- ③ 두 가지 멸균 시스템 적용 : 145°C 건식, 95°C 습식
- ④ Direct Heating & 6 heating elements (include Door) : 내부 습기 방지, 안정적인 온도 관리
- ⑤ Closed loop HEPA filter system (99.99%) & ISO Class 5 clean room : 외부 HEPA 필터 장착으로 내부 오염원 차단
- ⑥ NuTouch 디스플레이 : 실시간 온도, CO₂ 데이터 저장
- ⑦ CuVerro® Antimicrobial Copper Surface 처리_2시간 이내 표면의 미생물 99.99% 제거 (옵션)

Specifications

Model	Temperature Control	CO ₂ Sensor	Sterilization Cycles	RH (Humidity) Control (Option)	O ₂ Control (Option)
NU-57XX	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	Sensor (0.5 - 21%)
NU-58XX	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	Sensor (0.5 - 21%)
NU-86XX	Water Jacket	Dual Wave IR	-	Reservoir, Sensor Controlled	Sensor (0.5 - 21%)

Capacity

Model	Volume	Electrocal Configuration	Exterior Dimensions (W x D x H)	Chamber Dimensions (W x D x H)	Net Weight
NU-57XX	160 L	230V, 50/60Hz	648 x 699 x 894 mm	514 x 525 x 610 mm	103 kg
NU-86XX	200 L	230V, 50/60Hz	680 x 691 x 1008 mm	540 x 510 x 724 mm	106 kg

-86°C Ultra Low Temperature Freezer



BLIZZARD -86°C Ultra Low Temperature Freezer



◆ 주요특징

- ① Electronic Control Systems : 자가진단 시스템 내 외부 온도, 전압, 문열림, 센서에러, 배터리알람, 필터알람 등
- ② 4중 Door, 4중 Gasket Systems 적용 : 최상의 온도 안정성 제공 및 에너지 효율 극대화
- ③ USB Data logging port : 온도, 전압, 문열림 등 Date 출력 가능
- ④ 저소음의 실험실 환경 조성 : < 50 db

악세서리

Specifications

Model	Capacity (L)	Interior Dimensions (W×D×H mm)	Exterior Dimensions (W×D×H mm)	Temperature Range
NU-99338	338	465 x 630 x 1165	812 x 893 x 1846	-40°C to - 86°C
NU-99578	578	620 x 716 x 1310	895 x 980 x 1980	-40°C to - 86°C
NU-99728	728	766 x 716 x 1310	1041 x 980 x 1980	-40°C to - 86°C
NU-99828	828	870 x 716 x 1310	1145 x 980 x 1980	-40°C to - 86°C
NU-99420	420	1367 x 462 x 652	2130 x 870 x 1020	-40°C to - 86°C

* NU-99338~NU-99828 Upright type, NU-99420 Chest type 입니다.

Capacity

Model	Rack Size	Rack Capacity	# of 5 cm (2") 2 ml Fiberboard Boxes in Racks	# of 2 ml Sample Vials, 5 cm (2") Box, 100 Cell Dividers
NU-99338	4 Row / 4 Column	6	96	9,600
NU-99486	5 Row / 4 Column	16	320	32,000
NU-99578	5 Row / 5 Column	16	400	40,000
NU-99728	5 Row / 5 Column	20	500	50,000
NU-99828	5 Row / 5 Column	24	600	60,000
NU-99420	10 Row / 1 Column	27	270	27,000