



## Positive Pressure Isolators



PPI-2H2S

- Aseptic manipulation of pharmaceuticals (TPN mixtures, IV solutions, eye drops, etc.), stem cells and umbilical cord blood, CIV AS (Central Intravenous Additive Service), sterile-tests
- Secure, logical separation of operator and process through a closed system
- Positive pressure operation (adjustable) with laminar airflow
- Lock doors outside / isolator door made of toughened safety glass
- Construction entirely made of stainless steel AISI 304 (1.4301)
- High air exchange rate in the work area and for the rapid cleanup of contaminated air and rapid removal of disinfectants
- 2 locks with foot switches for doors and mutual door interlock
- Electropolished stainless steel work area, easy to clean
- Ergonomically designed for easy operation, comfortable working, high user acceptance
- Display of internal pressure, automatic pressure drop test and pressure drop indicator
- Password-protected control with Touch Panel
- Cleanliness level in the work area: vol. 4 EU Guidelines to GMP Grade A
- Simple monitoring, testing, and maintenance
- Sterile glove changing system
- Certified and documented quality (IQ / OQ)
- Attractive cost-benefit ratio compared to custom made isolators



Type Designation	PPI-2H2S	PPI-3H2S	PPI-4H2S
Dimensions (mm) WxHxD, approx. Height incl. support stand (800mm)	2470 x 2630 x 880	2775 x 2630 x 880	3080 x 2630 x 880
Interior dimensions isolator (mm) WxHxD, approx.	1250 x 700 x 600	1550 x 700 x 600	1850 x 700 x 600
Lock Interior dimensions (mm) WxHxD, approx.	530 x 400 x 450	530 x 400 x 450	530 x 400 x 450
Placing-side lock door outside / inside (mm) WxH, approx.	375 x 345 / 375 x 360	375 x 345 / 375 x 360	375 x 345 / 375 x 360
Isolator volume (l), approx.	525	651	777
Packing data (mm) WxHxD, approx.	2700 x 1700 x 1050		
Gross / net weight (kg), approx.	550 / 370		
Number of sleeves (polyurethane 0.25 mm), diameter (mm)	2 / 300	3 / 300	4 / 300
Glove cuff inner diameter (mm)	75 / 85	75 / 85	75 / 85
Height / distance of the sleeve openings (mm) approx.	1080 / 500	1080 / 500	1080 / 500
Electric Connection (V / Hz)	230 / 50	230 / 50	230 / 50
Electric Power (W) max.	1540	1540	1540
Outer casing / chamber / fixed base	Stainless steel AISI 304	Stainless steel AISI 304	Stainless steel AISI 304
Working surface	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 316
Airflow (Circulation / Exhaust)	70% / 30%	70% / 30%	70% / 30%
HEPA filters (locks, circulating air, inflow): Filter class acc. DIN EN 1822 / Efficiencies. (%) / Particle size (µm)	H14 / 99.995 / MPPS	H14 / 99.995 / MPPS	H14 / 99.995 / MPPS
Upper locks filters: Quantity / Size (mm) WxHxD	2 / 305 x 115 x 305	2 / 305 x 115 x 305	2 / 305 x 115 x 305
Lower Locks filters: Quantity / Size (mm) WxHxD	2 / 305 x 68 x 457	2 / 305 x 68 x 457	2 / 305 x 68 x 457
Circulating air filter: Quantity / Size (mm) WxHxD	1 / 1219 x 68 x 610	1 / 1524 x 68 x 610	1 / 1830 x 68 x 610
Inflow air filter: Quantity / Size (mm) WxHxD	1 / 610 x 68 x 457	1 / 610 x 68 x 457	1 / 610 x 68 x 457
Inflow air flap, pneumatically operated	■	■	■
Air exchange rate utility room / locks (h <sup>-1</sup> )	2200 / 2000	2200 / 2000	2200 / 2000
Exhaust air volume (m <sup>3</sup> /h) approx.	360	360	360
Laminar flow rate (m/s) / Leakage flow rate (m/s) approx.	0.45 / 0.7	0.45 / 0.7	0.45 / 0.7
Intensity of illumination (switchable) Working surface (lx)	>800	>800	>800
Noise level (dB(A))	≤65	≤65	≤65
Lock doors inside, plastic PETG	■	■	■
Lock doors, interior double-swivel	■	■	■
CPC couplings; on windshield and door locks; DEHS	■	■	■
Single outlets IP44 inside the camber	■	■	■
Screen capture with glass lid and 19" monitor	■	■	■
Sliding table (lock into isolator); 1 piece per side	■	■	■

---- Options on request ----

(■ = Standard)

June/12 Technical alterations reserved.