

OPTION PREPARATION BOX - B (PB-B)

The Preparation Box B is designed for preparation of sterile consumables in a GMP class B environment. The Preparation Box B is an optional solution that is placed next to a Dispensing Hot Cell or Shielded Glove Box. A shielded airtight transfer door to the adjacent cell is part of the Preparation Box B.

Several options such as outlets, cable entries and a laptop support are available for the PB.

Variant	PB-B
Outside dimensions [mm] [W*D*H]	± 850*1.330*2.650
Inside dimensions [mm] [W*D*H]	± 709*719*787
Frontdoor opening [W*H]	± 590*715 mm / 24*29 inch
Shielded transfer hatch to adjacent hot cell, opening [W*H]	± 200*250 mm
Air inlet	With HEPA filter, including valve
Air outlet	Including valve
Air exhaust Air outlet	Max 30 m³/h
Power connection in accordance with local requirements	
Exterior smooth finish	Traffic white [RAL 9016], easy to decontaminate
Total weight:	± 530 kg

Shield door to
adjacent hot cell

Large interior space

Tranparant front door
with glove ports

Large interior space

Shielded airtight door to adjacent hot cell

Acrylic front door with glove ports

Exterior smooth finish easy to decontaminate

Highly configurable options

Applicable hot cells

Dispensing hot cell (DPB)

Shielded glove box (SGB)



The images shown are for illustrative purposes only. The actual product may vary in design, color, and specifications.



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STANDARD FEATURES

Operator / product safety

- Exterior smooth finish easy to decontaminate.
- Internal stainless steel box 316L, optimal micro-surface treatment.
- Interior finish complies with pharmaceutical regulations for cleaning and validation.
- Air inlet: HEPA filter.
- Air refreshes 20 times per hour.
- GMP Grade B area.
- Low voltage control panel for all controls.

Functions

- Hinged acrylic door with two gloves and inflatable seals to maintain airtight integrity.
- Analog gauge for displaying the internal pressure of the compartment.
- Compression block for custom Airtight entry of tubes and cables.
- LED internal light fixtures, switchable from control panel.
- Duplex electrical outlet inside the box, switched from control panel.
- Lead is not used for any structural support.
- HPV preparation.

OPTIONAL FEATURES

- Particle counter.
- Digital pressure gauge instead of analog gauge.
- Preparation box with two shielded side doors.
- Universal support
(outlet, cable pass through, arm for laptop).
- Extended cover plates to specified height.
- Configurable space beneath main compartment:
 - Maintenance hatch.
 - HPLC / storage compartment.
 - Shielded generator vault.
 - Laminar downflow for GMP class A classification.