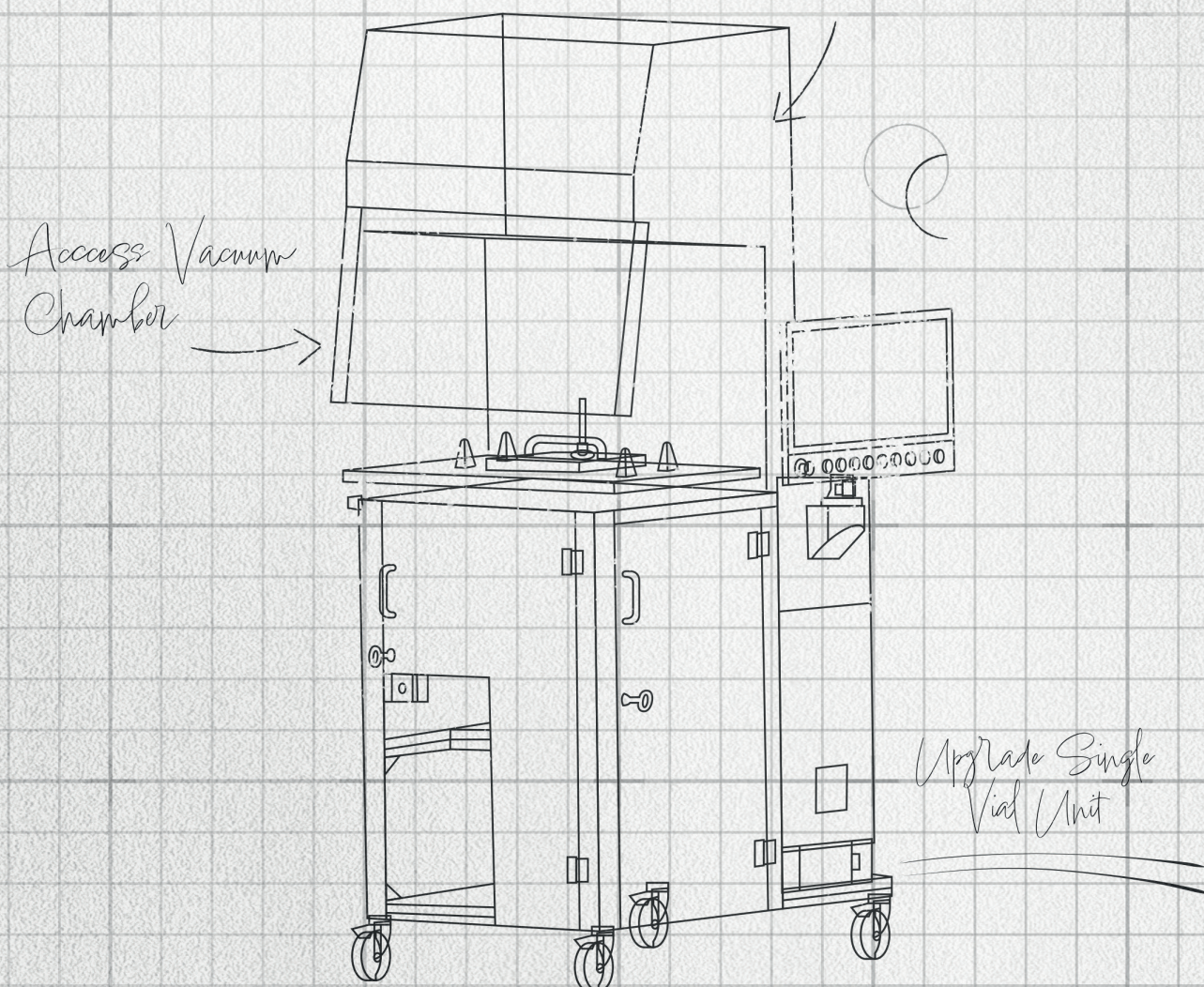


Flow Cabinet (Telstar Bio II)



Fully integrated BSL-2 compliant RheaLyo™ Mono freeze-dryer

Introducing the fully integrated **biosafety level 2 (BSL-2) compliant RheaLyo™ Mono freeze-dryer**: providing product and personnel protection while working with liquid substances in preparation of lyophilization.

The BSL-2 upgrade features 3 main components:

- **A biosafety cabinet installed on top of the Rhealyo™ “Mono” Single Vial Continuous Freeze-Drying System (SVU) around the vacuum chamber.** This enables operators to open vials with biological pathogenic samples with a biosafety level 2 in the SVU.
- **A HEPA-14 filter (0.2 µm) attached to the gas outlet of the SVU which enables the filtering of the cold gas used for spin freezing.** The HEPA filter is mounted in a stainless-steel housing attached via KF flanges to the SVU outlet.
- **A ULPA filter (0.1 µm) which replaces the standard 5 µm polyester filter on top of the vacuum pump.** This filter is used to filter the air evacuated from the drying chamber towards the vacuum pump.



Suitable for labs requiring BSL-2 and OEB3 operator protection

The BSL-2 compliant Rhealyo™ Mono freeze-dryer is designed for laboratories working with biological materials requiring biosafety level 2; and for OEB3 operator protection.

Intended use: The biosafety level 2 upgrade is an add-on for the SVU and cannot work stand-alone without the SVU. Its primary task is to make the SVU appropriate for handling biologically pathogenic samples or products up to risk BSL-2, ensuring sterile air in the work zone, as well as a prominent level of protection for the operator and the environment.

Key features

- Vertical laminar flow through a HEPA filter (ISO 4 classified workspace)
- All exhaust air is HEPA-filtered as it exits the biosafety cabinet
- Control panel with color-coded indicators for real-time cabinet status
- Strictly adhering to EN 12469 standards
- Open-fronted access to freeze-drying
- Acrylic viewing panels maximize lighting across the freeze-drying workspace

Technical data

- **Biosafety cabinet**
Bio II advance plus 3, Telstar
- **Exhaust filter SVU**
Sartofluor® GA Mini Cartridge 0.2 µm Size 8
- **Filter in vacuum pump**
UL238, ULPA filter, Solberg

Want to learn more about this unique R&D tool for next generation freeze-drying? Let's start the conversation.

Contact us by email and we'll set up a meeting – in person, by phone or webmeeting, whichever you prefer.

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