COMECER Value Propositions 1107

Isolator with greater process options

Higher Safety with Lower Cost and Energy

- Our isolators are closed environments with guaranteed Grade A. This removes the risk of contamination. The internal environment also provides a controlled atmosphere with specific ventilation and filtration strategies. Isolation technology solutions increase sterility and contamination control while decreasing costs and energy consumption.

Comecer

- ValueCell COMBI is a new modular Cell & Gene Therapy isolator.

- This concept puts together several options allowing different approaches to various aspects of Cell Therapy Manufacturing. This Combination of several "SOLO" modules, allows greater processing options, besides additional space.

- Overall, in the configuration shown, the system has an option for alternative decontamination of some sensitive starting materials, which cannot be performed by Hydrogen Peroxide. In this case we need a flexible way for decontaminating items using successive "passages", upgrading the cleanliness of the materials up to the full "Grade A" of the processing chambers. For this reason, this isolator includes a Laminar Flow Hood, where this manual decontamination can be initiated. To complete the system, we have implemented a mousehole door to pass materials without altering the pressure cascade among the environments.

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- The system can be fully equipped for a stand-alone manufacturing, holding centrifuges, quarantine incubators, process incubators, fully integrated, allowing tens of patients to be manufactured at the same time, and full capabilities for all-in-one upstream, processing and downstream operations including integrated filling or product packing options.

- Configurations can vary, putting together a combination of different modules with different equipment, different connections among modules and different accessory parts. This system can be considered a general-purpose system particularly suitable for full Cell & Gene manufacturing in small-medium realities.