



CLEANROOM SYSTEMS



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**Precise engineering solutions for cleanroom**

Cleanrooms are hygienic private rooms that the quantity of airborne particle concentrations are controlled and classified. They are designed, constructed and operated in a manner to control the entrance, generation and retention of particles inside the rooms. Sealed panels, ceilings, Pass-Through Boxes and door systems provide an isolated and conditioned environment.

Smartlab designs and constructs cleanrooms compliant with ISO 14644 standards. All turnkey projects, after-sales service and validation services are provided by Smartlab’s technical staff.

**WHAT MIGHT YOU NEED?**

- Architectural design and facility planning
- Room capacity planning
- HVAC/BMS and electrical integration
- Smartpanel cleanroom partition systems
- Special ceiling systems
- Hermetical and cleanroom door systems
- Passbox systems
- Hygienic flooring



Passbox

Please do not hesitate to contact with Smartlab’s technical team for further assistance  
[info@smartlabsystems.com](mailto:info@smartlabsystems.com)



Smartpanel®

Cleanroom panel placement



Cleanroom (production area)

**HOUSING SOLUTIONS**

**Allentown**  
Improving Life - It's in our DNA.

Allentown is the number one housing solution provider to the Laboratory Animal Science community for more than 50 years. Dependability, performance, integrity, quality, value, expert manufacturing and renowned customer service, these are the attributes of the product and every other Allentown housing solution.

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**WHAT MIGHT YOU NEED?**



- Architectural design and facility planning
- HVAC / BMS and electrical integration
- Room capacity planning
- Technical support
- IVC (individual ventilated cages)
- LAH (Large Animal Housing)
- Animal transfer solutions

Vivariums (animal testing facilities) are essential in life sciences researches and biomedical research. A vivarium is designed according to physical space, maintenance routines and employee habits. Reduced operating costs are given particular importance that are using energy efficiency principles. Vivarium, thanks to its architectural and engineering solutions, prevents the entry of pollutants, the spread of epidemics and smells.

Smartlab offers you the architectural and engineering solutions. Vivarium infrastructural; laboratory system design and establishment are formed depending on your needs for your most efficient research environment.