



Cut lead times to weeks



Flexible



Portable



# KeyPlants pods

Portable, on-demand cleanrooms for pharmaceutical development and manufacturing.



**Pods** are the fastest way to start or expand production, which will result in innovative, cost-effective solutions, from clinical development to commercialisation, as the total cost of ownership will be reduced. **pod facilities** can be sized-up by adding pods, and are also a solution for the small-scale production of cell and gene therapies, for example.



## Benefits

Our new, **portable on-demand (pod) facility** dramatically reduces the time it takes to set up new production, speeding up the development of cutting-edge therapies, and increasing production flexibility.

**Pods** can be on site and ready for operation anywhere in the world, in **just a few weeks** for a single pod without compromising on quality, compared to a year or more to build a conventional facility from scratch.

They also offer **maximum flexibility** in production. **Pods** give manufacturers:

- Flexibility to start small-scale production immediately and then scale out;
- The advantages of a fixed price and time schedule;
- A turnkey, integrated approach instead of pieces of a facility/process engineering puzzle;
- An end to the time and complexity of specification, bidding, procurement, and permitting;
- Lower total cost of ownership (TCO).



### Included in KeyPlants' integrated solution

KeyPlants standard **pod**

Engineering

Automation

Factory Acceptance Test (FAT)

Packing and Transport

Installation

Commissioning

Installation Qualification (IQ) and Operational Qualification (OQ)



## Applications

Here are a few examples of pharmaceutical development and production areas that **Pods** can be used for:

- Biologics
- Cell and Gene Therapy
- Vaccines
- Drug Conjugates
- Process Development
- Laboratories
- Research and Development
- Clinical Trial Manufacturing
- mRNA
- Viral Vectors
- Small Scale Aseptic Filling
- Local Manufacturing

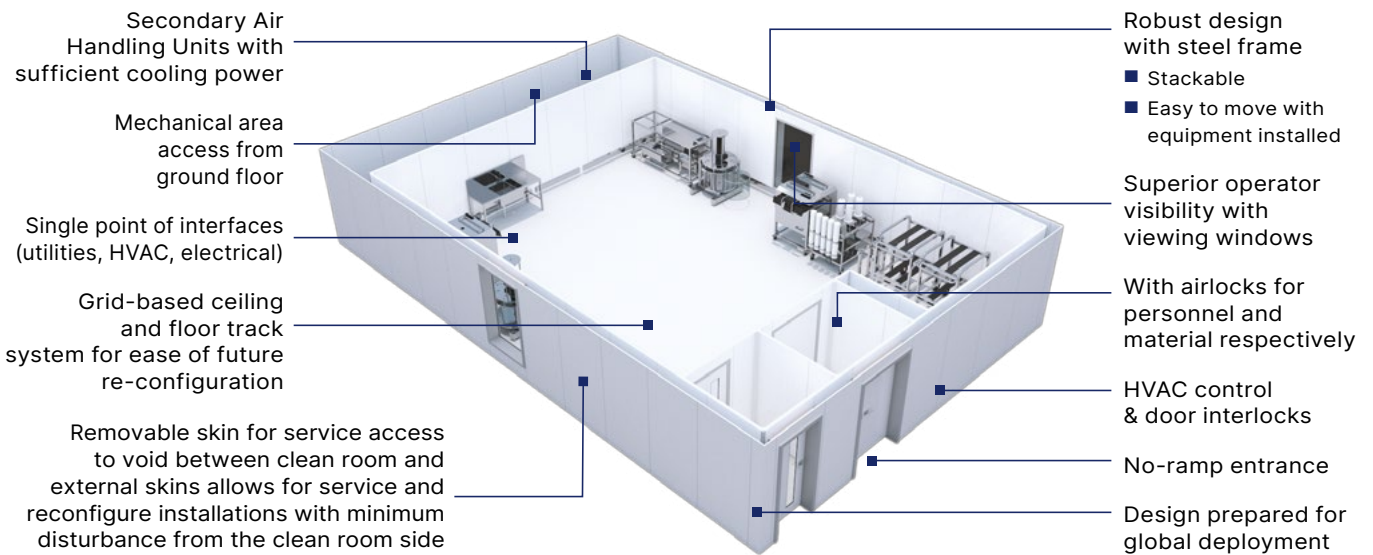


Our standard configurations are available to ensure you receive the solution most suited to your needs.

Number of pods	Cleanroom classification	Personnel and material flow	pod size
Single pod	Grade C, D or CNC	Bidirectional	70 sqm/ 750 sqft
Double pod	Grade C, D or CNC	Bidirectional or Unidirectional	140 sqm/ 1,500 sqft
Scalable without size limitations by connecting multiple pods			
Optional: Process integration			



### Double pod configuration



Flexible	<ul style="list-style-type: none"> <li>■ Walls can be added, or removed to create large ball rooms spanning several pods</li> </ul>
Scalable	<ul style="list-style-type: none"> <li>■ No limitations for future facility expansion by adding pods</li> <li>■ pods can be stacked on top of each other for multiple floors</li> </ul>
Portable	<ul style="list-style-type: none"> <li>■ Easy to move the pods inside the shell building using air cushions</li> <li>■ The pods can be shipped between locations</li> </ul>



## Your Solution-Orientated Partner

KeyPlants is a leading international industry partner for standardized pods and customized process-integrated modular prefabricated facility solutions, with experience from having supplied over 4,500 high-specification modules worldwide.

We have successfully executed complex projects on a global scale. Additionally, we offer our customers an unmatched understanding of pharmaceutical process engineering, biomanufacturing, aseptic filling, containment, and manufacturing of APIs and oral solids. This combination makes KeyPlants your ideal partner.

We deliver high-quality modular products and tailored solutions to accelerate your project development with speed, flexibility, and predictability.

We serve a global customer base ranging from emerging biotech to big pharma.



Corporate Office  
Stockholm  
KeyPlants AB  
Lilla Bantorget 15  
111 23 Stockholm  
Sweden  
[info@keyplants.com](mailto:info@keyplants.com)

Explore our innovative life science solutions:  
[keyplants.com](http://keyplants.com)



Scan this code to visit our website

