



Why Plastic Concepts, Inc.

Plastic Concepts, Inc. (PCI) is not a catalog equipment supplier—and that's exactly what differentiates us. PCI specializes in **custom, application-driven engineering** for laboratory, biotech, and pharmaceutical environments where standard equipment simply doesn't fit.

What Makes PCI Different

We Design Around the Application

PCI starts with the customer's **process, workflow, and operator interaction** not a predefined product. This provides our customers with tailored solutions to real-world use, not forced compromises. All projects are designed with Solid Works and drawings sent for final sign off review.

Result: A product delivered based on **YOUR** requirements not that of the manufactures scale and production lines.

We Engineer Safety and Ergonomics Into the Solution

Many projects stall due to:

- Unsafe workflow operations
- chemical handling, such as dispensing and transfer
- Ergonomics and EH&S concerns

PCI engineers these risks **out of the process**, often without changing validated workflows.



We Solve Problems

We Solve the Projects Others Can't

PCI is frequently brought in when:

- Standard solutions don't fit the space or process
- Need to improve upstream and downstream processes
- Custom access, lift assist, or workflow changes are required
- Containment, cleanliness, and usability must all be balanced (CIP)/(SIP)
- Compliance with USP Class 6 material

What PCI Builds

PCI's fully engineered systems including:

- Equipment & process enclosures
- Valve box enclosures
- Isolation and containment solutions
- Homogenizer bag racks with lift-assist
- Tanks (mixing and soak), bag transfer totes, and material handling systems
- Ducted and filtered engineered controlled systems
- Animal transfer, dump, and sanitization systems
- Cleanroom furniture
- Pass Throughs
- Isolators

Each system is **purpose-built**, not modified off a standard template.



Project Examples

Dumping and Sanitization Station



High Purity Mixing Tank



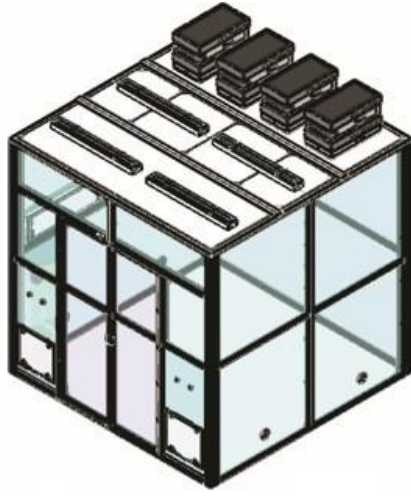
Valve Box



Hose Management Cabinet



Walk-in Test Chamber



Animal Isolator



Positive Pressure Isolator



VBSE



Stackable 25-50L Bag Totes

