



www.psnlabs.com
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ENGINEERING SUPPORT
TESTING & ANALYSIS
PROTOTYPING & PRODUCTION

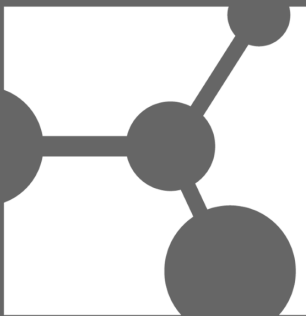
ISO 9001:2015 Certified
ISO 13485:2016 Certified (Molding)
ISO/IEC 17025:2017 Certified (Testing)

Your Full-Service Development Partner.



Industries Serving

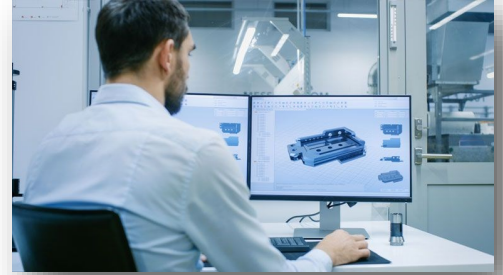
- ◆ Medical Devices/Technology
- ◆ Pharmaceutical/Drug Delivery
- ◆ Oil and Gas
- ◆ Consumer Products
- ◆ Industrial Parts and Products
- ◆ Agriculture
- ◆ Pipeline
- ◆ Packaging
- ◆ Manufacturing
- ◆ Transportation
- ◆ Forensics and Legal



ENGINEERING SERVICES

PSN Labs is a full-service engineering firm, specializing in product development. **We offer a turn-key approach that has proven to reduce cost, time, and stress in getting products to market.**

Our scientists and engineers work through each phase of the development process by carefully considering and selecting the requirements needed for an application, as well as the functionality within each use environment. We ensure each product is designed to meet the specific user, functional, manufacturing, sustainability, and regulatory goals of each of our clients.



Risk Management

PSN Labs uses a risk-based approach to product development. These risks can manifest in use, design, manufacturing, on market support, et. This approach allows for the level of technical rigor to be scaled to risk associated with the device.

Computational Modeling and Simulation

PSN Labs utilizing computational modeling and simulation (CM&S) to evaluate products digitally. These models are utilized to aid in development, assess device performance, or remediate device performance. Our approach complies with regulatory guidance to leverage FEA, CFD, Heat Transfer, etc. to generate evidence for regulatory submittal.

PRODUCTION SERVICES

We recognize that material selection plays a crucial role in performance. Our material scientists and engineers have extensive knowledge of material properties and their relation to specific applications.

At PSN Labs, we are capable of producing rapid prototypes, as well as function prototypes, assisting in the product development process.

Our facility includes industrial, white room, or clean room production capabilities. Whether 10 parts or a million parts are needed, our team is dedicated to quality and service.

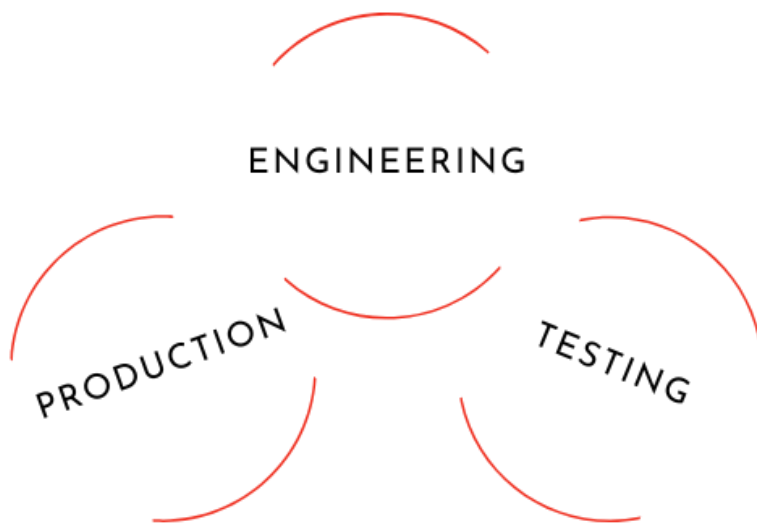
TESTING SERVICES

PSN Labs includes a best-in-class Testing Laboratory, certified to ISO/IEC 17025:2017, designed to handle all product and material testing needs. Our service is unmatched in the industry. We are uniquely positioned to be able to provide more than just data.

Our team of highly trained engineers and scientists will analyze the results with the highest of standards, providing clients with analytical reports, next steps, and customized solutions.

Within our Testing Lab, we have a full staff focused on biocompatibility of medical devices, including toxicologists to ensure patient safety and assist in regulatory compliance.

Our methods and results have proven to give our clients a cutting edge with a high level of accuracy. Our ASTM Proficiency Results have put us at the top of the list against other leading Labs time and time again.



ENGINEERING SUPPORT

Rely on PSN Labs to be your engineering department.

We have the staff and capacity to offer flexible arrangements built around our clients' needs. This partnership allows our clients to have a greater base of experience and knowledge incorporated into their business model, at an affordable rate. You will have access to our entire engineering team, partnering with the depth and breadth of knowledge that each member adds.

Our Services

- ◇ Turn-Key Development
- ◇ Biocompatibility Programs
(Including ISO 10993, ISO 18562, 510(k) Submission Guidance, BRA and TRA)
- ◇ ISO, ASTM, & Custom Testing
- ◇ Method Development/Validation
- ◇ Material Compatibility Analysis
- ◇ Chemical Characterization
- ◇ Design/Simulation Services
- ◇ Prototyping (Rapid and Functional)
- ◇ Material Selection & Development
- ◇ Material Compounding
- ◇ Metal to Plastic Conversion
- ◇ Failure Analysis
- ◇ Expert Witness Services
- ◇ Training Seminars



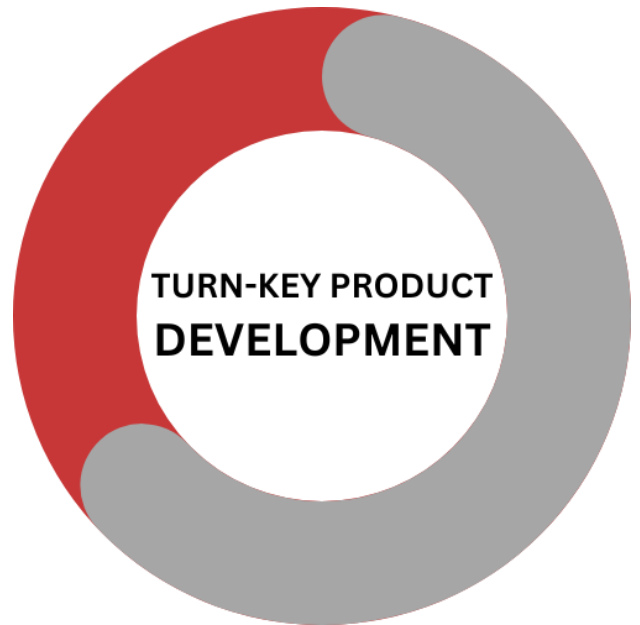
ENGINEERING
TESTING
PRODUCTION

PSN Labs specializes in a full range of standard, custom, and specialty services.

Our core departments are designed to work independently or cross-functionally to connect each phase of development seamlessly.

Our holistic approach:

- ⇒ Allows real-time adjustments to be made, ensuring a product is designed for biocompatibility and manufacturability.
- ⇒ Reduces communication gaps between different organizations in the supply chain, avoiding critical details getting lost in transition from development to production.
- ⇒ Allows for better control of timelines and eliminates delays dealing with multiple suppliers.
- ⇒ Reduces overall cost associated with back end failures common in the industry.



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