



Why Service Equipment?

With summer here and temperatures rising, maintaining optimal conditions for lab equipment is critical. Facilities must work diligently to ensure efficient equipment operation by performing routine checks and monitoring for alarm conditions.

At Pacific Science LLC, we prioritize laboratory needs with our cold storage equipment solutions and comprehensive services. We ensure equipment operates safely and efficiently, protecting the investment in expensive capital equipment and maximizing dependable useful life. A robust **preventative maintenance** program will reduce the need for alarm response and disaster recovery operations.

Routine LN2 Level Checks for Optimal Safety and Security of Biological Material

Daily monitoring of liquid nitrogen (LN2) levels in LN2 freezers is essential for maintaining optimal storage conditions and ensuring the safety of critical biological material. Lab personnel need to stay proactive to keep laboratory operations running smoothly and efficiently.



- Mitigate Risk
- Prevent Temperature Excursions
- Identify Equipment Problems
- Ensure Operational Efficiency
- Compliance and Safety

- **Safety Equipment** - Wear appropriate PPE when handling LN2 and ensure the area is well-ventilated.
- **Reliable Measuring Tools** - Measure LN2 levels using an easy-to-read ruler or dipstick. Contact Pacific Science, LLC.
- **Daily Check** - Check LN2 levels daily to ensure consistency and early detection of elevated consumption.
- **Record Measurements Regularly** - Keep a log of daily LN2 levels to track trends.
- **Visual Equipment Inspection** - Inspect the freezer for signs of malfunction such as frost buildup, unusual noises, or leaks.

SERVICES

- Temperature Mapping
- Qualification
- IQ/OQ/PQ
- Freezer Rentals
- Preventative Maintenance (Cryogenic Freezers)
- Offsite cGMP Storage
- Lab Moving Services

Enhancing Manufacturer-Distributor Partnerships for Greater Success

Michael Bromer from **Parameter Generation and Control** visits the West Coast. Building strong relationships between manufacturers, distributors, and customers is crucial for mutual success. Manufacturer-distributor visits foster trust and collaboration and provide insights into market needs and challenges. These interactions ensure product alignment, improved service quality, enhanced customer satisfaction, and ultimately drive product growth and innovation. **Interested in a Stability Room or Chamber, contact Pacific Science, LLC**



INDUSTRY NEWS: Significant Development in Regenerative Medicine



The California Institute for Regenerative Medicine (CIRM) has awarded \$26 million to fund clinical research focused on various cancers, heart conditions, and rare diseases. This major funding initiative underscores the critical medical research advancements and the quest for new therapies and cures.

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EMPLOYEE SPOTLIGHT

Name: Chris Beal
Job Title: Operations Technician

Since its inception, Chris Beal has been a valued Pacific Science, LLC team member. He is dependable, hard-working, and very knowledgeable about cryogenic equipment system functionality. Chris is factory-trained to handle many tasks including preventative maintenance, IOPQ, installations, repairs, calibrations, and emergency services at customer locations.

Born and raised in Orange County, Chris attended college before starting his career at Pacific Science, LLC. He enjoys returning home to his adorable, adopted pets: a black dog named Chibi and a white rabbit named Cottonelle.

A standout moment in Chris's career was swiftly resolving a customer equipment failure during the Christmas holiday, demonstrating his dedication to exceptional service and problem-solving, 24/7/365.



5 Things You May Not Know About Chris

- Frequent concertgoer
- Avid runner
- Hyperflexible
- Works with improv and sketch troops to produce comedy shows
- Whiskey connoisseur and collector