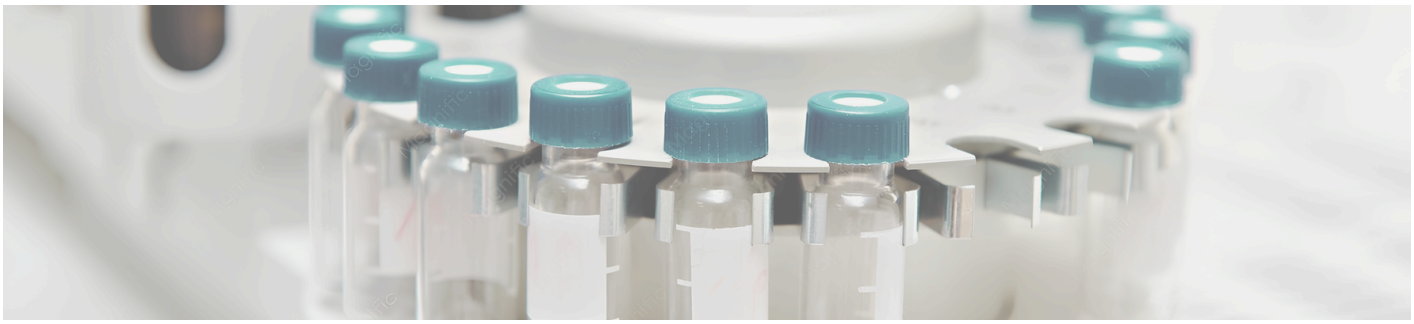
Company Profile



LABZEE



About Us

Labzee Scientific is a global manufacturer of high-quality laboratory equipment dedicated to delivering advanced solutions for scientific research, clinical diagnostics, pharmaceutical manufacturing, industrial quality control, and academic laboratories worldwide. Our equipment is designed to improve the consistency and security of laboratory workflows, enabling higher-quality data, more reliable results, and enhanced operational efficiency.

Our extensive product portfolio includes autoclaves, centrifuges, laboratory refrigerators, freeze dryers, laboratory ovens, incubators, ultrasonic cleaners, ultrasonic homogenizers, laboratory shakers, stirrers, mixers, nucleic acid extractors, sterilizers, ice makers, laboratory purifiers, sample processing systems, and a wide range of analytical and testing equipment to support diverse laboratory applications.

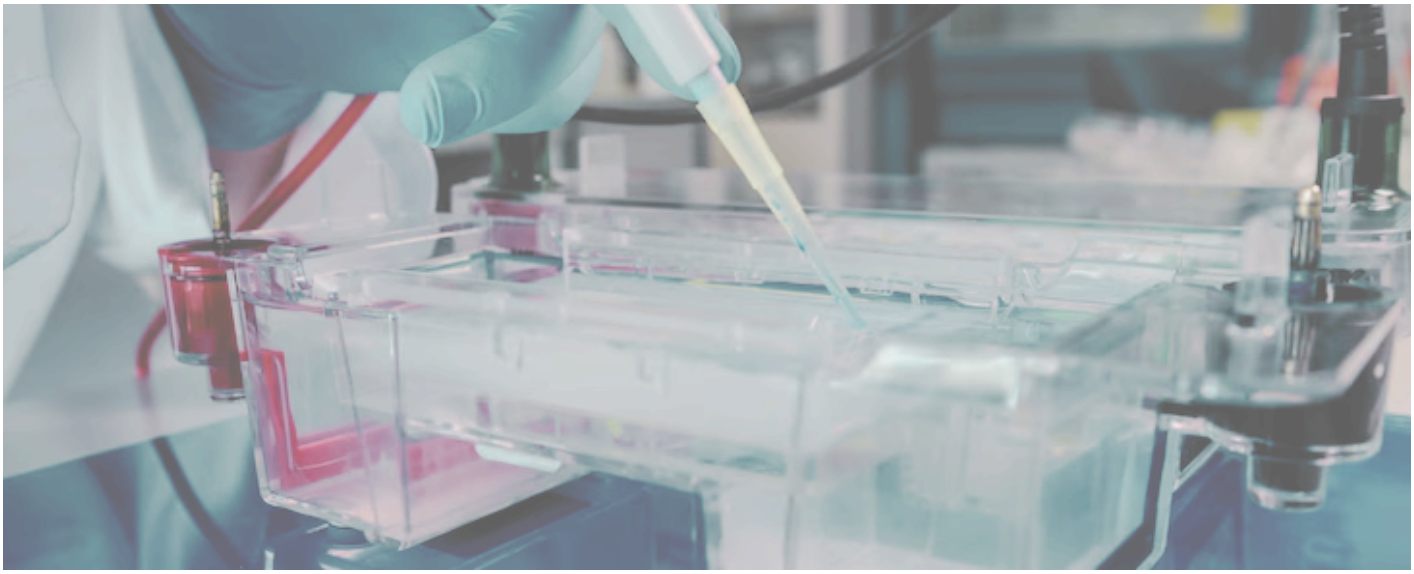
Labzee is an ISO 9001:2015 certified company, and our products comply with internationally recognized standards, including ISO 13485:2016 and CE certification. Every product is manufactured under stringent quality management procedures to ensure dependable performance, durability, and operational safety.

Our quality philosophy is built on three core principles:

- Reliability of equipment
- Product quality
- Product efficiency

These principles guide our engineering, manufacturing, and quality assurance processes to ensure every product consistently meets international performance standards before delivery.

Through flexible management practices and continuous innovation, Labzee rapidly adapts to evolving scientific and industrial requirements. By working closely with customers and industry experts, we continuously expand our product portfolio and develop laboratory equipment that meets the changing needs of modern laboratories worldwide.



Mission

To manufacture high-quality laboratory equipment that strengthens the consistency and reliability of laboratory operations across research, healthcare, pharmaceutical, industrial, and academic environments. We are committed to delivering dependable equipment that supports accurate data, consistent performance, and confidence in scientific work. Guided by uncompromising standards of product quality, equipment reliability, and operational efficiency, we continually refine our manufacturing practices to meet the evolving requirements of laboratories worldwide while building lasting relationships through responsible service and trusted performance.

Vision

To be a globally trusted manufacturer of laboratory equipment, recognized for uncompromising product quality, dependable performance, and responsible manufacturing practices. We aspire to support scientific progress by providing laboratory equipment that laboratories, research institutions, healthcare organizations, and industrial facilities rely on with confidence. Through continuous improvement, rigorous quality standards, and a strong commitment to customer satisfaction, we seek to build enduring partnerships and strengthen our presence across the global scientific community.



Operating Principles

Principle I — Engineering Confidence Through Consistent Performance
At Labzee, equipment performance begins with disciplined engineering and controlled manufacturing. Each BZ-Series equipment undergoes structured quality verification to support operational consistency, functional integrity, and dependable performance across research, clinical, industrial, and educational laboratories.

Principle II — Quality Integrated Throughout Manufacturing
Quality is embedded throughout our manufacturing process. Operating under ISO 9001:2015 and ISO 13485:2016 quality management systems, Labzee applies documented controls across material inspection, assembly, calibration, functional evaluation, and final verification. This systematic approach promotes consistency throughout the BZ-Series product portfolio.

Principle III — Designed for Efficient Laboratory Operations
Laboratory equipment should simplify routine operations while supporting productive workflows. Our equipment incorporates intuitive controls, digital interfaces, and application-focused functionality where appropriate, enabling laboratories to maintain operational continuity across a broad range of scientific applications.

Principle IV — Guided by Scientific and Industry Requirements
Laboratory requirements continue to evolve alongside scientific progress and regulatory expectations. Through ongoing engagement with researchers, laboratory professionals, distributors, and industry specialists, Labzee continually expands and refines its product portfolio to address emerging application requirements across global markets.

Principle V — Commitment Beyond Equipment Delivery
Our responsibility extends beyond manufacturing. From product selection and worldwide logistics to technical assistance and after-sales support, we are committed to responsive communication and long-term customer relationships built on accountability, consistency, and professional service.

Principle VI — Continuous Advancement of Laboratory Equipment
Labzee is committed to the ongoing development of laboratory equipment that supports modern scientific practice. Through continuous product refinement, engineering development, and expanding application capabilities, we strengthen our portfolio to meet the evolving requirements of research laboratories, healthcare organizations, pharmaceutical manufacturers, industrial facilities, and academic institutions worldwide.



Quality Assurance & Compliance Framework

Quality as an Engineering Framework

Quality is integrated throughout the manufacturing lifecycle rather than treated as a final compliance requirement. Operating under ISO 9001:2015 and ISO 13485:2016 quality management systems, with CE conformity across the product portfolio, Labzee applies documented controls that support consistent manufacturing practices, regulatory compliance, and internationally recognized quality standards.

The Quality Assurance team oversees defined quality parameters from design review and material inspection through assembly, calibration, functional evaluation, and final inspection. Before release, all equipment undergoes structured verification to confirm conformity with established specifications, supporting consistent performance and dependable operation across laboratory, research, healthcare, and industrial environments.

Quality Assurance Process

- Incoming inspection of raw materials and components against approved specifications
- In-process quality verification at defined manufacturing and assembly stages
- Functional testing and performance evaluation prior to final release
- Calibration verification using traceable reference standards, where applicable
- Final inspection to confirm conformity with documented quality requirements
- Product documentation supplied in accordance with applicable equipment specifications
- Technical assistance provided through phone, email, and online communication channels
- ISO 9001:2015 and ISO 13485:2016 quality management systems supporting applicable product lines

Product Catalogue

The BZ-Series model designation identifies equipment manufactured by Labzee and provides a consistent product classification across the portfolio. The catalogue is organized by application category, enabling laboratories, healthcare organizations, research institutions, and industrial facilities to efficiently identify equipment aligned with their operational requirements. Representative models include the BZLC-501 Benchtop Large Capacity Refrigerated Centrifuge (4 × 800 mL, 0–5000 rpm, 4650 × g) and the BZGW-501 Laboratory Glassware Washer (680 L, 7-inch LCD touchscreen), alongside an extensive range of BZ-Series laboratory equipment.



Autoclaves

Horizontal, vertical, table-top, portable, and pulse-vacuum autoclave configurations; steam sterilizer and pulse vacuum steam sterilizer variants for hospital, pharmaceutical, and research environments



Biological Safety Cabinet

Class II biological safety cabinets with HEPA-filtered laminar airflow; full operator, product, and environmental protection for microbiological and cell-culture containment



Centrifuge

High-speed refrigerated centrifuge with programmable speed, temperature, and time; for protein, nucleic acid, and biomolecular separations requiring precise thermal control



Freezers

-45°C upright freezer, -86°C ultra low temperature (ULT) freezer, and blood bank freezer; engineered for long-term biological specimen preservation, pharmaceutical storage, and blood banking applications



Climatic & Test Chambers

Climatic chambers and test chambers for environmental simulation, temperature-humidity stability testing, thermal cycling, and material durability assessment



Incubator

Air-jacketed thermostatic incubator, air jacket CO2 incubator, biochemical cooling incubator, biological incubator, BOD refrigerated incubator, dry bath incubator, microbiology incubator, mini dry bath incubator, mold incubator, ThermoShaker incubator, water-jacketed thermostatic incubator, and anaerobic incubator



Laboratory Ovens

Forced convection ovens for rapid uniform heating, natural convection ovens for gentle airflow, precision ovens for controlled thermal processes, and vacuum drying ovens for moisture-sensitive materials; stainless-steel interiors, advanced PID controllers, intuitive LED displays, and integrated safety mechanisms across all models



Laboratory Shakers

3D shaker, circular shaker, desktop shaker, digital shaker, microplate shaker, orbital and linear shaker, orbital shaker, tilting shaker, and water bath shakers; digital speed control, intuitive LED displays, programmable timers, stable platforms, quiet operation, and compatibility with diverse flask, tube, and plate formats



Freeze Dryers

Desktop freeze dryer for small-batch lyophilization, pharmaceutical freeze dryer for GMP-compliant bulk lyophilization, and vertical freeze dryer for research and production-scale applications



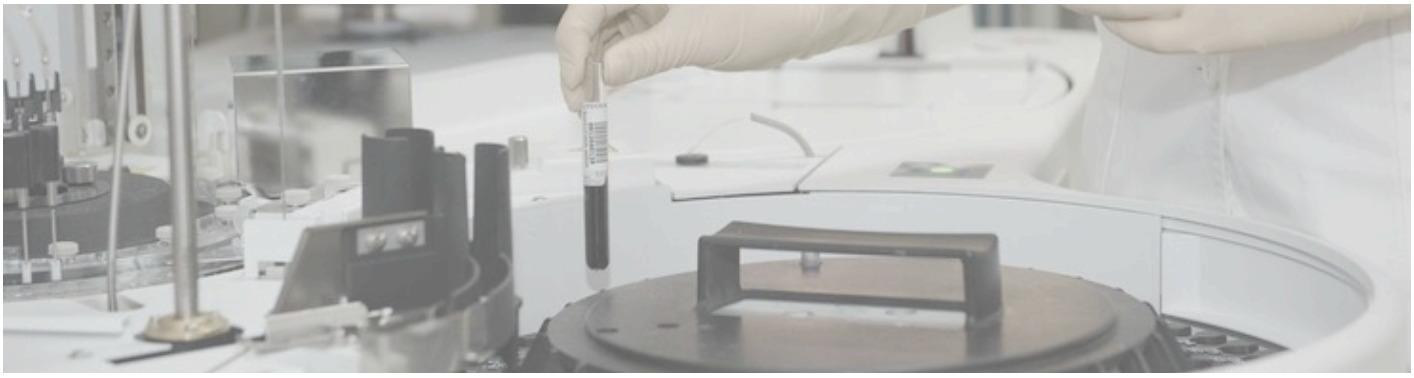
Microscopes

Designed for high-resolution imaging and detailed analysis in laboratory, educational, and industrial applications. These advanced equipment come in various models, including compound, stereo, digital, and fluorescence microscopes, catering to diverse research and diagnostic needs.



Ice Makers

Dual system flake ice maker and standard flake ice maker; high-capacity continuous ice production for sample preservation, clinical applications, and laboratory bench use



R&D & Manufacturing Capabilities

The BZ prefix represents engineering designation of Labzee, identifying equipment developed through a structured process encompassing concept development, engineering, manufacturing, performance verification, and product validation. An adaptive product development framework enables timely response to evolving laboratory requirements while supporting the introduction of new equipment categories aligned with emerging scientific applications. Continuous engagement with researchers, laboratory professionals, and industry specialists throughout the development lifecycle ensures that BZ-Series equipment reflects current operational requirements and application-driven expectations.

Research & Development

- In-house BZ-Series equipment concept development and system-level engineering
- Electronic hardware, firmware, and embedded control system development
- Integration of advanced sensors, PID controllers, programmable control systems, and digital display technologies
- Prototype fabrication, laboratory evaluation, performance verification, and design optimization
- Adaptive product development driven by evolving laboratory and market requirements
- Ongoing collaboration with scientific users and technical experts to incorporate application-based feedback
- Expansion of our equipment portfolios to support emerging laboratory workflows



Manufacturing Standards

- Engineered with corrosion-resistant stainless-steel chambers and durable structural components for long-term laboratory use.
- PID-controlled heating and temperature regulation systems ensure consistent thermal performance across applicable equipment.
- Integrated safety features include overload protection, imbalance detection, and non-slip support structures for secure operation.
- Low-noise mechanical design helps minimize laboratory disruption during shaking and centrifugation processes.
- High-frequency ultrasonic technology enables effective, non-abrasive removal of contaminants from laboratory items.
- Constructed using autoclave-compatible and chemical-resistant materials designed to withstand routine exposure to disinfectants and sterilizing agents.
- Subjected to comprehensive end-of-line functional testing and performance verification prior to dispatch.

Industries & Application Sectors

Labzee equipment support a broad range of scientific, analytical, clinical, and industrial workflows. The product portfolio is designed to meet the operational requirements of research institutions, healthcare laboratories, pharmaceutical manufacturers, quality-control facilities, and industrial testing environments.



Life Sciences & Biotechnology Cell culture, molecular biology, PCR, nucleic acid analysis, flow cytometry, and centrifugation.	**Clinical Diagnostics** ELISA testing, sample preparation, incubation, sterilization, histology, and biosafety applications.	**Pharmaceutical Manufacturing** Freeze drying, evaporation, sterilization, titration, thermal characterization, and process development.
Academic Research Spectroscopy, thermal analysis, particle counting, mixing, heating, and material processing.	**Environmental Science** Air monitoring, microbial sampling, environmental simulation, and contamination assessment.	**Food & Beverage Testing** Moisture determination, refractive index measurement, homogenization, extraction, and analytical testing.
Industrial Quality Control Environmental testing, thermal processing, sample preparation, reaction studies, and product validation.	**Materials Science** Particle size reduction, controlled-atmosphere heating, thermal characterization, and material development.	**Histology & Pathology** Tissue processing, sectioning, staining, incubation, and biosafety-controlled laboratory procedures.

Global Reach & Customer Support

Labzee Scientific operates from its headquarters in Laramie, Wyoming, USA, supplying laboratory equipment to research, healthcare, pharmaceutical, industrial, and academic facilities across international markets. Global distribution capabilities support efficient delivery, with equipment packaged in accordance with international shipping requirements and accompanied by the necessary export and compliance documentation.



Technical assistance remains available throughout the equipment lifecycle, with responsive support provided through phone, email, and digital communication channels to help laboratories maintain operational continuity and address technical inquiries in a timely manner.

Support Infrastructure

- Global distribution network supporting international laboratory markets
- Export documentation prepared in accordance with international shipping requirements
- Technical assistance available via phone, email, and digital communication channels
- Online quotation request facility through www.labzee.com
- Digital product catalogs covering a comprehensive laboratory equipment portfolio
- Secure online purchasing process
- Authentic manufacturer-supplied laboratory equipment
- International logistics and shipment coordination for worldwide deliveries

The Labzee Advantage

Manufacturing Identity

Equipment manufactured by Labzee is developed through an integrated process encompassing engineering, production, testing, and quality verification under a single manufacturing framework. This unified approach provides complete product traceability, consistent manufacturing standards, and accountability throughout the equipment lifecycle.



Engineering Principles

Product development is guided by three core engineering objectives: equipment dependability, manufacturing quality, and operational efficiency. These principles are incorporated into design verification and quality assessment processes prior to shipment, supporting consistent manufacturing outcomes across the product portfolio.

Comprehensive Mixing and Agitation Portfolio

Labzee offers an extensive range of laboratory shakers, mixers, and stirrers designed to support diverse laboratory workflows. The portfolio includes multiple equipment configurations, enabling organizations to source a broad category of mixing and agitation equipment from a single manufacturer while maintaining consistency across laboratory operations.

Adaptive Product Development

A flexible product development framework enables efficient response to evolving laboratory requirements and emerging scientific applications. Continuous engagement with researchers, laboratory professionals, and industry specialists contributes to the refinement of equipment designs and the expansion of product categories aligned with current laboratory practices.

Customer Success Infrastructure

Comprehensive customer support extends beyond product delivery through technical assistance available via phone, email, and digital communication channels. Global distribution capabilities, export documentation, online quotation requests, and digital product catalogs provide procurement teams and laboratory professionals with streamlined access to equipment information and purchasing resources.

Address: 1938 E Harney St, Laramie, WY 82072, USA
Email: info@labzee.com | **Website:** www.labzee.com