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Company Identity

EziLab Scientific is a laboratory equipment manufacturer headquartered in Rockford, Illinois, serving research, clinical, pharmaceutical, industrial, and educational laboratories through an international distribution network. The company designs, engineers, and manufactures a broad portfolio of laboratory equipment supporting diverse scientific and quality control applications.

The product portfolio encompasses more than 50 equipment categories, including equipment for clinical diagnostics, life sciences, environmental analysis, petroleum testing, materials science, and food and beverage laboratories. Manufacturing emphasizes robust construction, operational consistency, and energy-efficient performance while supporting the requirements of regulated laboratory environments.

Product development, manufacturing, testing, and quality verification are conducted within an integrated quality management framework. Supported by technical specialists and application expertise, EziLab provides equipment and documentation to assist laboratories throughout procurement, installation, qualification, and routine operation.

Company Factfile

Core details, essential information at a glance

Legal Name	EziLab Scientific LLC
Address	2205 S Perryville Road, Rockford, IL 61108, USA
Country	United States of America
Website	www.ezilab.com
Email	info@ezilab.com
Business Type	Manufacturer, Exporter & Global Supplier
Social Media	Facebook LinkedIn Twitter/X Instagram YouTube
Catalogue	50+ equipment categories EZL-Series product models throughout
Certifications	ISO 9001:2015 ISO 13485:2016 ISO/IEC 17025 CE GMP
Get Quote	Online at www.ezilab.com via Get Quote facility or WhatsApp





Mission

To design, manufacture, and supply laboratory equipment that supports research, clinical diagnostics, industrial testing, and quality assurance through dependable performance, regulatory compliance, and efficient laboratory operations.

Vision

To advance laboratory technologies through engineering excellence, quality-driven manufacturing, and a comprehensive portfolio of equipment that supports scientific, healthcare, industrial, and educational laboratories worldwide.



Six Engineering Principles That Define EziLab

Accuracy Across the Product Range

From compact benchtop equipment to advanced molecular biology systems, Ezilab designs and manufactures laboratory equipment with a strong emphasis on measurement consistency, operational stability, and reproducible performance. Rigorous engineering practices and manufacturing controls are applied throughout the product development process.

Continuous Product Development

Scientific and industrial requirements continue to evolve, and so does our equipment portfolio. Ongoing research and engineering efforts focus on integrating advancements in digital control, automation, sensor technologies, and user-oriented functionality to support modern laboratory workflows.

Energy-Conscious Engineering

Efficient energy utilization is considered throughout the design process. Equipment is developed to achieve consistent operational performance while minimizing power consumption, helping laboratories improve operational efficiency and support environmental sustainability objectives.

Built for Long-Term Laboratory Operation

Ezilab equipment is manufactured using carefully selected materials, high-quality components, and controlled production processes to withstand continuous operation in demanding laboratory environments. The result is equipment designed for extended service life across research, clinical, industrial, and quality control applications.

Quality Supported by International Standards

Manufacturing and quality management activities are conducted within internationally recognized frameworks, including ISO 9001:2015, ISO 13485:2016, ISO/IEC 17025, CE, and GMP. These standards support consistent manufacturing practices, product verification, and regulatory compliance across the product portfolio.

Customer Support Throughout the Equipment Lifecycle

Ezilab provides technical guidance throughout the lifecycle of laboratory equipment, from product selection and laboratory planning to installation assistance, application support, and ongoing technical service. This long-term approach helps laboratories maximize equipment performance and operational continuity.



Product Catalogue

Ezilab laboratory equipment is identified by the EZL model prefix, reflecting equipment designed, manufactured, and quality-controlled under standardized production processes. The catalogue presents the complete product portfolio across key laboratory applications, including balances, HPLC systems, centrifuges, incubators, refrigerators, and additional equipment developed for research, clinical, pharmaceutical, industrial, and quality control environments.

Analysers and Diagnostic Equipment

Analysers	Multi-parameter laboratory analyzers , clinical chemistry, elemental, amino acid, environmental, and process analyser
Immunoassay Analyzers	ELISA and chemiluminescence-based immunoassay platforms for quantitative antigen and antibody detection
Water Quality Analyzers	Comprehensive water quality analysis, BOD, COD, TOC, turbidity, dissolved oxygen and multi-parameter systems
Soil Testing equipment	Soil pH, nutrient, conductivity, and composition analysis equipment for agricultural and environmental labs



Separation, Molecular Biology & Nucleic Acid

Laboratory Centrifuges	Low speed, high speed, refrigerated and micro-centrifuge systems (EZL-LRC, EZL-HSC series)
Electrophoresis Apparatus	Horizontal and vertical gel electrophoresis systems and power supplies
Nucleic Acid Extraction Systems	Automated and manual nucleic acid extraction and purification platforms
Chromatographs	HPLC (EZL-AHS51), gas chromatography, and ion chromatography systems
Laboratory Digester	Kjeldahl and microwave digestion systems for sample preparation and nitrogen analysis
Fermenter	Bioreactor and fermenter systems for microbial and cell culture bioprocess research

Thermal Control, Environmental & Cold Storage

Laboratory Incubators	Gravity and forced-air convection incubators, CO2 incubators, shaker incubators (EZL-SI84)
Laboratory Ovens	Drying, sterilisation and curing ovens; vacuum ovens; high-temperature laboratory ovens
Laboratory Freezers	Standard, deep-freeze and ULT -86°C laboratory freezers (EZL series); blood bank refrigerator EZL-BR158
Lab Refrigerator-Freezer Combination	Combined refrigerator-freezer units for integrated cold sample storage
Climate Test Chambers	Temperature, humidity, thermal shock and UV climate simulation test chambers for material testing
Environmental Growth Chambers	Controlled environment plant growth, germination, and biological incubation chambers



Sterilization, Biosafety & Clean Air Systems

Autoclaves	Bench-top and floor-standing steam sterilisation autoclaves for all laboratory scales
Biosafety Cabinets	Class II A2 and B2 laminar-flow biological safety cabinets for microbiological work
Clean Benches	Horizontal and vertical laminar-flow clean benches for sterile product handling
Laboratory Fume Hoods	Ducted and ductless fume hood systems; variable air volume models available
Glassware Washers	Automated laboratory glassware washing, rinsing and drying systems
Environment Monitoring Equipment	Cleanroom particle counters, temperature/humidity loggers, environmental monitoring systems

Spectroscopy, Optical equipment & Imaging

Spectrophotometers	UV-Vis and visible-range single and double beam spectrophotometers for absorbance and transmittance analysis
Imaging Systems	Gel documentation, colony imaging, fluorescence, and chemiluminescence laboratory imaging systems
Refractometers	Digital and analogue bench-top refractometers for concentration, Brix and refractive index measurement



Measurement, Electrochemistry & Meters

Laboratory pH Meters	Bench-top and portable pH, ORP, and ion meters for electrochemical analysis
Laboratory Conductivity Meters	Bench-top and portable conductivity, TDS, and salinity measurement equipment
Ion Concentration Meter	ISE-based ion concentration meters for Na+, K+, Ca2+, Cl- and other ions
Density Meter	Digital oscillating U-tube density meters for liquids and solutions
Laboratory Balances	Precision and analytical balances (EZL-PB105, EZL-EB65), milligram to kilogram range
Digital Thermometer	Digital contact and non-contact thermometers (EZL-DTR101, EZL-IT107)
Hygrometers	Digital humidity and temperature measurement equipment for laboratory and cleanroom monitoring
Distillation Testers	Automated ASTM distillation testers for petroleum, solvent and chemical samples

Mixing, Evaporation, Drying & Sample Preparation

Laboratory Evaporators	Rotary evaporators, nitrogen blow-down evaporators, and centrifugal concentration systems
Lab Mixers	Overhead stirrers, vortex mixers, magnetic stirrers, tube rotators and 3D rocking platforms
Bath & Circulators	Heated, refrigerated, and ultrasonic baths; recirculating temperature-controlled circulator systems
Freeze Dryer	Bench-top and production freeze dryers (lyophilisers) for biological and pharmaceutical sample preservation



Histology, Pathology, Specialist & Testing equipment

Microtome	Rotary, sliding, cryostat and vibratome microtome systems for tissue sectioning
Cassette Printers	Histology cassette thermal printers for automated specimen identification and labelling
Microplate Washers	Automated microplate washing systems for ELISA and immunoassay plate processing
Testing equipment	Acid/alkali testers (EZL-ANT100), tensile testers, viscometers and general testing equipment
Furnaces	Muffle furnaces, tube furnaces, and high-temperature box furnaces for material processing
Laboratory Conductivity Meters	Precision conductivity and TDS measurement for water quality and process control

Quality Assurance & Certifications

Quality management is integrated throughout the manufacturing process, from engineering and material selection to component sourcing, assembly, calibration, testing, and final inspection. Manufacturing operations are conducted within internationally recognized quality frameworks, including ISO 9001:2015, ISO 13485:2016, ISO/IEC 17025, CE, and GMP, supporting consistent production, product verification, and regulatory compliance.

Equipment identified with the EZL model prefix is designed, manufactured, tested, calibrated, and validated through standardized quality control procedures before release.

Quality Process — Key Stages

- Incoming inspection of raw materials and components against approved specifications
- In-process quality verification at critical manufacturing stages
- Functional testing of finished equipment prior to dispatch
- Calibration verification using internationally traceable reference standards
- Compliance documentation supplied with equipment
- IQ/OQ/PQ documentation available upon request
- GMP-aligned manufacturing and quality control processes

R&D & Manufacturing

The EZL model prefix identifies laboratory equipment developed and manufactured by Ezilab through controlled engineering and production processes. Product development integrates mechanical, electrical, electronic, and software engineering with standardized manufacturing and quality control practices.





Research & Development

- In-house equipment design, engineering, and product development
- Electronic, firmware, software, and embedded control system development
- Sensor integration and signal processing for laboratory applications
- Prototype development, performance evaluation, and design verification
- Ongoing product development aligned with advances in laboratory technologies

Manufacturing Standards

- Controlled manufacturing processes with contamination control measures
- CNC machining and fabrication of mechanical components
- Assembly procedures suitable for clinical and life science equipment
- Production capability supporting both individual units and high-volume orders
- Component and production traceability through documented manufacturing records
- Functional testing of finished equipment before dispatch
- Energy-efficient design practices integrated throughout product development



Industries & Sectors Served

Our equipment are designed to support a broad range of scientific, clinical, industrial, and research applications. The product portfolio addresses the operational requirements of laboratories across multiple sectors through equipment developed for analytical testing, sample preparation, environmental control, and quality assurance.

Life Sciences & Biotechnology Nucleic acid extraction, centrifugation, fermentation, and cell biology workflows	Clinical Diagnostics Immunoassays, blood analysis, spectrophotometry, histology, and microtomy	Pharmaceutical Dissolution testing, balances, freeze dryers, autoclaves, and GMP-compliant laboratory equipment
Academic & Research Laboratories Analytical equipment, centrifuges, evaporators, electrophoresis, and laboratory imaging	Environmental Testing Water and soil analysis, environmental monitoring, and climate chambers	Food Testing & Quality Control Spectrophotometers, refractometers, density meters, mixers, and incubators
Petroleum & Energy Distillation testing, density measurement, viscosity analysis, furnaces, and laboratory analyzers	Industrial Quality Control Climate test chambers, materials testing equipment, thermal analysis, and balances	Agricultural Science Growth chambers, soil testing equipment, moisture analyzers, and pH meters



Global Reach & Customer Support

Ezilab supplies laboratory equipment to research laboratories, healthcare facilities, academic institutions, pharmaceutical manufacturers, and industrial organizations worldwide. International shipments are supported with the required documentation, applicable certifications, and export compliance records to facilitate global distribution.

Technical support extends throughout the equipment lifecycle, from product selection and application guidance to installation assistance and ongoing technical support. Product documentation and technical resources are available to help laboratories integrate equipment into their operational workflows.

Service Commitments

- Technical consultation for equipment selection and application requirements
- Global export documentation and certification support
- Technical assistance via email, phone, and WhatsApp
- Spare parts and consumables for continued equipment operation
- IQ/OQ/PQ documentation available for regulated environments
- Online access to product catalogues, user manuals, and technical resources

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5 Reasons Laboratories Worldwide Choose Ezilab

Engineering & Manufacturing

Laboratory equipment carrying the our model prefix is designed, manufactured, tested, and validated through standardized engineering and production processes. This integrated approach supports product traceability, manufacturing consistency, and documented quality control throughout the equipment lifecycle.

Comprehensive Product Portfolio

The product portfolio includes more than 50 categories of laboratory equipment covering analytical, clinical, thermal, environmental, molecular biology, histology, and material testing applications. This broad offering enables laboratories to source equipment across multiple disciplines from a single manufacturer.

International Quality Standards

Manufacturing and quality management operate within internationally recognized frameworks, including ISO 9001:2015, ISO 13485:2016, ISO/IEC 17025, CE, and GMP. These standards support controlled manufacturing processes, product verification, regulatory compliance, and documented quality management.

Continuous Product Development

Product development incorporates advances in laboratory technologies, including sensor integration, automation, digital control, and connectivity, to support evolving research, clinical, and industrial laboratory requirements.

Energy-Conscious Design

Energy efficiency is considered throughout the product development process. Equipment is engineered to achieve specified operating performance while optimizing energy consumption, supporting efficient laboratory operation and environmental sustainability.



EziLab Scientific

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