



Laboratory equipment

Designed from the bottom up

For your application



Laboratory equipment

Designed for your application

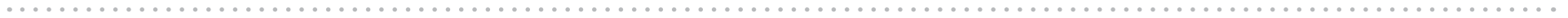
Thermo Scientific™ Laboratory Equipment is designed with your application in mind. Our broad portfolio is built on technological know-how delivering reliable, high-quality products for sample preparation and processing. We combine outstanding engineering work and application expertise to create high-performance equipment that helps provide exceptional sample protection in a comfortable, ergonomic design. To enable years of service, our equipment includes future-proof technology with connectivity enablement and is supported by a global service network. Our continuous innovation efforts are focused on developing greener products with energy efficient operation and sustainable production. We design our products from the bottom up to help you succeed.



Overview

 Click on categories to learn more

Product categories



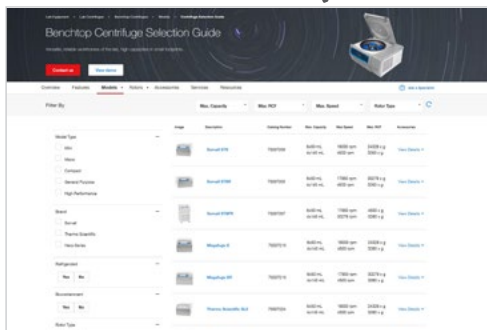
Benchtop centrifuges and rotors



Product portfolio

- Choose from many models and configurations, from the smallest mini to high-throughput and high-performance models
- Lightweight and ergonomic Thermo Scientific™ Fiberlite™ Carbon Fiber Rotors with a 15 year warranty

Online selection guide



Centrifuge portfolio



Innovative technologies*

1

Thermo Scientific™ Auto-Lock™ Technology for a secure, ergonomic and fast rotor exchange



2

Thermo Scientific™ ClickSeal™ Biocontainment Lids offer biocontainment sealing for glove-friendly, one-handed open/close capability



3

Touchscreen for simple programming, operation and monitoring



4

Advanced user management and centralized monitoring features with SECURE-Spin connectivity

5

Ergonomic enhancements with accessory trays, hand grips and motorized gas springs

*Applicable to certain models

Learn more at thermofisher.com/benchtopcentrifuges

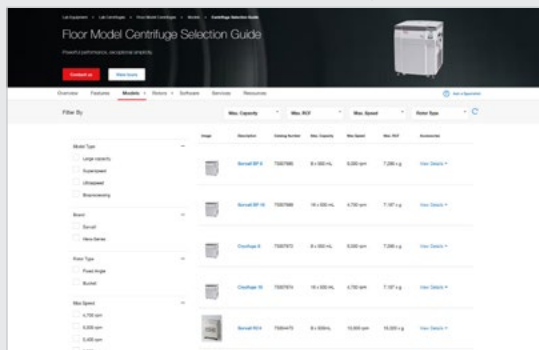
Floorstanding centrifuges and accessories

Innovative technologies*

- 1 Thermo Scientific™ Auto-ID Instant Rotor Identification automatically loads rotor specifications into centrifuge parameters
- 2 Thermo Scientific™ Auto-Door™ Technology for automatic centrifuge door opening and closing with push-button convenience
- 3 Thermo Scientific™ Centri-Log™ Plus Data Management Software for FDA 21 CFR Part 11 compliance
- 4 Lightweight Fiberlite carbon fiber rotors with corrosion- and fatigue-resistance

*Applicable to certain models

Online selection guide



Centrifuge portfolio



Product portfolio

- Large capacity, superspeed and ultra speed centrifuges
- Broad selection of rotors for multiple applications
- Single-use, sterilized bottles and Thermo Scientific™ CentriPAK™ BioProcess Containers



Learn more at thermofisher.com/floorcentrifuges

Biological safety cabinets and clean benches



Product portfolio

- Class II Biological Safety Cabinets
- Cytotoxic cabinets
- Horizontal laminar flow clean benches
- Ergonomic accessories

Selection guide - interactive PDF



Innovative technologies*

- 1 Thermo Scientific™ Smart-Flow™ Plus and DAVE™ Airflow Technologies enable smart protection that never takes a day off
- 2 Touchscreen for fast programming and monitoring and connectivity options
- 3 Self-adjusting germicidal UV lights help support cleaning routines
- 4 SmartClean Plus window design enables easy access and cleaning
- 5 Thermo Scientific™ SmartPort™ convenience helps provide a clean and safe way to pass tubing and wiring through the side wall

*Availability depends on model and region.

Learn more at thermofisher.com/bsc

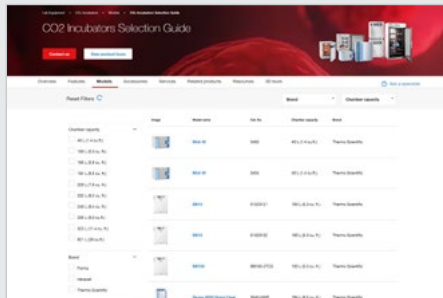
CO₂ incubators and accessories

Innovative technologies*

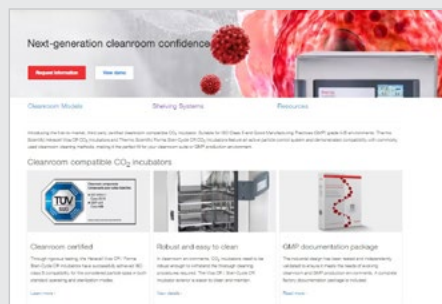
- 1 Thermo Scientific™ THRIVE™ Active Airflow Technology delivering homogeneous growth conditions
- 2 Active Particle Control System – to certify compatibility in ISO Class 5 and GMP Grade A/B cleanroom settings
- 3 Third party proven sterilization cycles up to 180 °C for contamination elimination
- 4 Thermo Scientific™ Cell Locker™ System for sensitive cultures
- 5 Open Platform Communication Unified Architecture (OPC™ UA) integration for select models

*Applicable to certain models

Online product selection guide



Cleanroom certified models



Product portfolio

- From small to large capacity CO₂ incubators
- Cleanroom-certified incubators
- Workflow integration support with optimized Thermo Scientific™ CultiMaxx™ Shelving Systems, OPC™ UA Gateway to help integrate incubators into your Distributed Control Systems (DCS), and other accessories



Learn more at thermofisher.com/co2

Heating equipment



Product portfolio

- Microbiological incubators: Compact to large chambers, with refrigerated and advanced options
- Environmental chambers: For applications needing temperature, humidity and/or light stability
- Heating and drying ovens for up to 330 °C
- Vacuum ovens for up to 400 °C
- Furnaces for up to 1,200 °C

Portfolio infographic



Innovative technologies*

- 1 Peltier technology provides reliable cooling with less energy and without hazardous refrigerants
- 2 Incubator built-in decontamination routines
- 3 Automatic over- and under-temperature alarms
- 4 Environmental chambers that meet ICH standards
- 5 Security features and remote monitoring

*Applicable to certain models

Drug stability testing brochure



Learn more at thermofisher.com/heatingequipment

Water purification systems

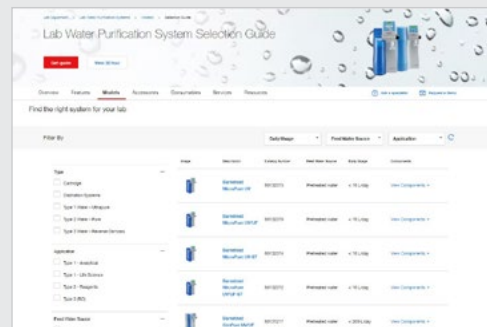
Features and benefits

- 1 Thermo Scientific™ xCAD Dispensing and flexible configurations.
- 2 Emergency switch to help minimize downtime for clinical applications.
- 3 Designed for quick consumable change.
- 4 Water purification systems from 1 L per minute to 300 L per hour.

Waterbook



Online product selection guide



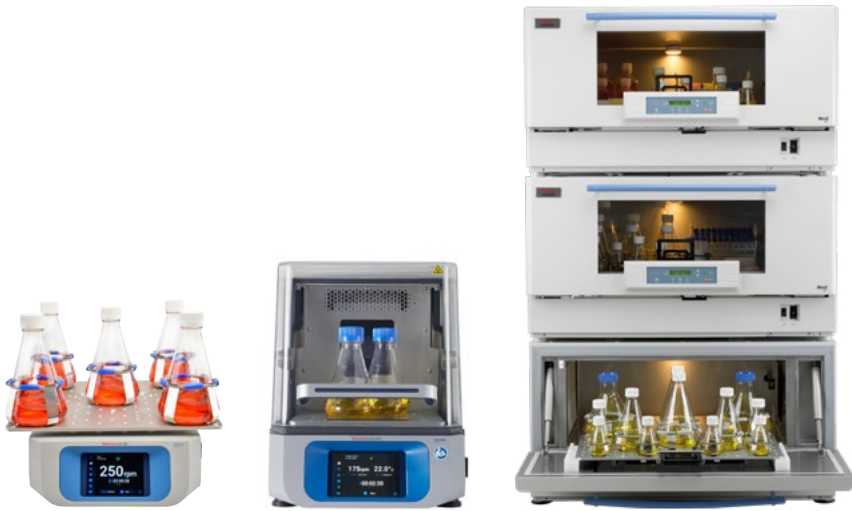
Product portfolio

- Type 1 tap-to-ultrapure water systems
- Type 1 pre-treated-to-ultrapure water systems
- Type 2 pure water systems
- Reverse osmosis systems
- Clinical water systems for analyzers



Learn more at thermofisher.com/waterpurification

Shakers



Product portfolio

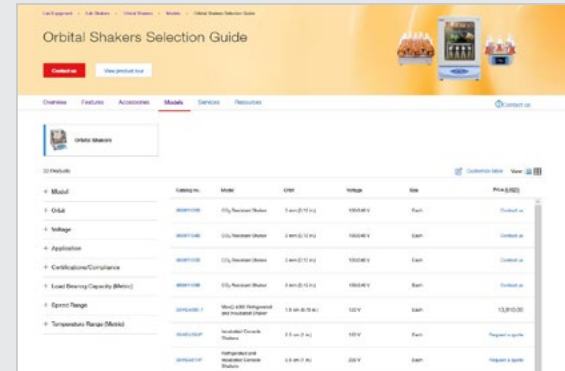
- Orbital shakers
- Temperature controlled shakers
- CO₂ resistant shakers



Innovative technologies

- 1 Touchscreen models available
- 2 Warranty packages with up to 10 years on drive mechanism on selected models
- 3 Temperature control with Peltier technology on selected models

Online product selection guide 



Learn more at thermofisher.com/shakers

Benchtop laboratory essentials



Vacuum concentrators

- Integrated systems or individual components.
- Pre-configured packages for specific solvents and acids available
- Broad rotor selection for volumes of 0.3-100 ml for tubes, vials and microplates.

[SpeedVac kit selection guide](#)

	Integral	Microplate	1.5ml	2ml	5ml	10ml	15ml	20ml	30ml	50ml	100ml
Rotor											
Max 1.5ml tube capacity	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Options											
Microplate											
1.5ml tube capacity											
5ml tube capacity											
10ml tube capacity											
15ml tube capacity											
20ml tube capacity											
30ml tube capacity											
50ml tube capacity											
100ml tube capacity											
High binding count capacity											
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[SpeedVac ebook](#)



Learn more at [thermofisher.com/speedvac](https://www.thermofisher.com/speedvac)



Laboratory essentials

- Rockers, rotators, mixers, and shakers
- Hotplates, stirring hotplates, and stirrers
- Dry baths
- Electrophoresis systems

Learn more at [thermofisher.com/benchtopshakers](https://www.thermofisher.com/benchtopshakers)

Learn more at [thermofisher.com/hotplates](https://www.thermofisher.com/hotplates)

Learn more at [thermofisher.com/drybaths](https://www.thermofisher.com/drybaths)

Learn more at [thermofisher.com/owl](https://www.thermofisher.com/owl)

Cold storage solutions



Product portfolio

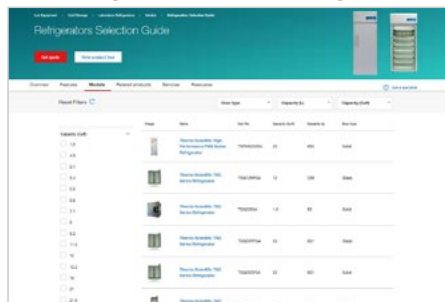
- Refrigerators and freezers
- Ultra-low temperature freezers
- Controlled-rate freezers and cryopreservation systems

Designed to support your science across all temperatures

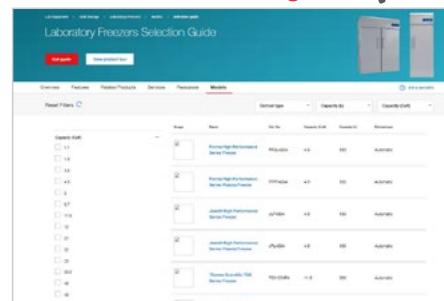
- 1 Short and long-term cold storage solutions ranging from 2°C to -196°C
- 2 Energy-efficient, sustainable solutions verified and certified by ACT, SNAP, and ENERGY STAR*
- 3 Over 70 years of innovation in cold storage to help safeguard precious samples
- 4 Connectivity-enabled to help manage, monitor and analyze equipment data

*Exact verification and certification of individual products differs across portfolios.

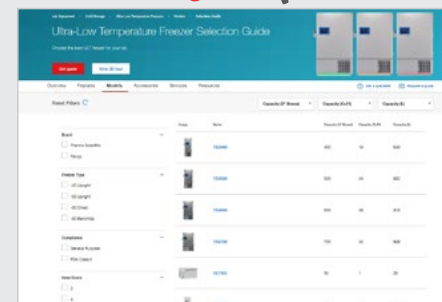
Lab refrigerators selection guide



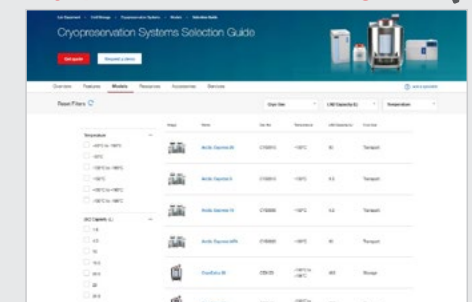
Lab freezers selection guide



ULT selection guide



Cryopreservation selection guide



Learn more at thermofisher.com/coldstorage

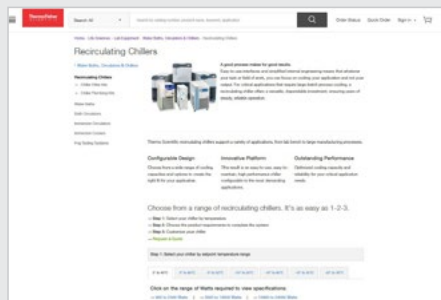
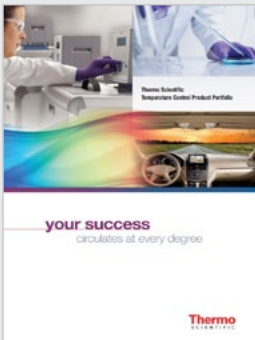
Temperature control

Temperature control product highlights

- 1 Outstanding temperature stability (± 0.1 °C)
- 2 Global service network
- 3 Thermo Scientific™ ThermoFlex™ Recirculating Chillers can service more applications than any other chiller. Exceptional configurability, options availability, and pump capacity.
- 4 UL and CE certified

Chiller product selection guide

Temp control overview



Product portfolio

- Water baths with capacity from 2 to 89 liters, for water temperatures from ambient to 100 °C.
- Circulators for cooling/ heating with temperature range from -50 °C to 300 °C and energy-saving operation
- Laboratory chillers with cooling capacity from 250 W to 1.9 kW
- Recirculation chillers with cooling capacity from 1 kW to 21 kW with a wide range of options and models ideal for larger analytical equipment

Learn more at thermofisher.com/tc

Water analysis instruments



Product portfolio

- Versatile offering supports a broad range of chemical, optical and physical parameters for the lab or the process
- Electrodes and meters for measuring pH, ORP, conductivity, dissolved oxygen and ions (such as ammonia)
- Benchtop and portable instruments for laboratory or field applications
- Potentiometric automated titrators for acid, base, chloride, calcium and more
- UV/Vis and Vis spectrophotometers, colorimeters, turbidity meters and reagents
- Process analyzers for continuous online measurement of pH, ORP, conductivity, DO, turbidity, calcium, and more
- Solutions, standards, and pH buffers

Highlighted features

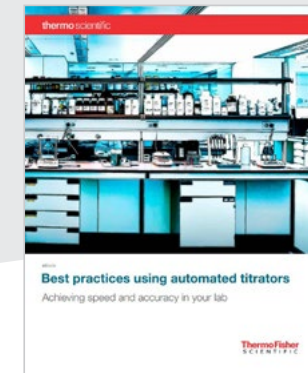
- 1 Intuitive, color touchscreen displays compatible with gloved operation
- 2 Preprogrammed methods to enable easy and convenient measurements
- 3 Guided navigation complete with on-screen text prompts
- 4 Compact designs to reduce footprint on the bench and panel
- 5 Easy setup, operation and maintenance

Note: Highlighted features are not available on all products. Speak with a Thermo Fisher Scientific sales representative to learn more.

pH measurement handbook



Titration best practices



Learn more at thermofisher.com/orion

Connected solutions



Benefits and features

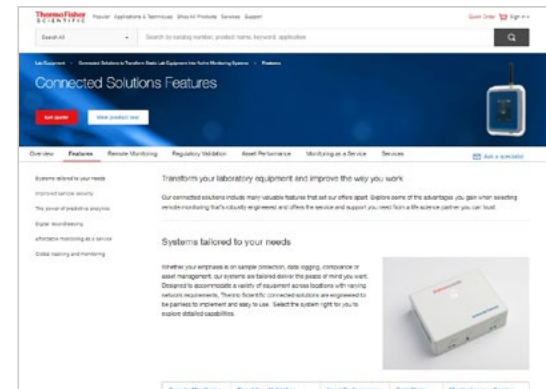
- ✓ Scalable LoRa WAN wide area network
- ✓ 21 CFR Part 11 data logging
- ✓ 24/7 remote monitoring alarms and notifications
- ✓ Equipment location mapping
- ✓ Predictive performance and sustainability analytics
- ✓ Cold chain tracking and compliance
- ✓ OPC™ UA, serial and independent sensor compatibility
- ✓ Temperature, door open, energy, CO₂, ambient temp, location, power, humidity and more

Product portfolio

- Thermo Scientific™ Smart-Vue™ Pro Remote Monitoring System
- Thermo Scientific™ DeviceLink Connect System*
- Thermo Scientific™ InSight Analytics*
- Thermo Scientific™ Smart-Tracker™ System

*Not available globally. Please contact your Thermo Fisher Scientific Sales Representative to learn about available solutions in your region.

Features overview



Case study



Learn more at thermofisher.com/connectedsolutions

Laboratory consumables and instruments

Support your science

The laboratory supplies you use play an important but sometimes underestimated role in the success of your science. Our commitment to supporting your scientific achievements begins with providing high-quality Thermo Scientific products that meet or exceed your expectations for performance according to the requirements of your applications. Our Fit for Purpose designations help provide an easy way to find and select the lab consumables that are ideally suited to your specific application needs. And when you're ready to buy our products, you can rest assured that our global footprint and regional manufacturing strategy help provide supply chain security. Our commitment to sustainability helps ensure products are ready when you need them, today and tomorrow. Now you can confidently forge ahead, achieve reliable results and focus on your science.



Laboratory pipettes and instruments



Manual pipetting

- Industry-leading pipetting systems for any application
- Thermo Scientific™ F1-ClipTip™ Pipettes provide a complete seal on every channel with tips that lock in place using a light touch
- Thermo Scientific™ Finnpipette™ F1 Pipettes offer ergonomic comfort and safe accurate performance
- Thermo Scientific™ Finnpipette™ F2 Pipettes are robust, durable, sleek and fully autoclavable
- Thermo Scientific™ ART™ Barrier Universal Pipette Tips seal completely to help prevent contamination of the pipette and cross contamination of samples
- Thermo Scientific™ Finntips™ and Finntip™ Flex™ tips can enable optimal performance with Finnpipettes

Learn more at
[thermofisher.com/pipettes](https://www.thermofisher.com/pipettes)

Electronic pipetting

- Thermo Scientific™ E1-ClipTip™ and Thermo Scientific™ Finnpipette™ Novus electronic pipettes provide index finger pipetting action to help improve user comfort
- E1-ClipTip electronic pipettes feature electronic tip ejection helping reduce the risk of repetitive strain injury
- Single and multi-channel options
- Speed up sample transfers using the Thermo Scientific™ E1-ClipTip™ Equalizer pipette with adjustable tip spacing
- Connect E1-ClipTip electronic pipettes to your computer via Bluetooth and use the My Pipette Creator app to write, download and share protocols

Learn more at
[thermofisher.com/pipettes](https://www.thermofisher.com/pipettes)

Reagent dispensers, automation tips and plates

- Thermo Scientific™ Multidrop™ Combi and Pico products enable precise, high-throughput dispensing
- A choice of models provides dispensing from 11 pL to 2500 µL
- Accommodates microplates from 6 to 1536 wells
- Easy to set up, use and maintain
- Thermo Scientific™ Automation Tips for liquid handling systems
- Sample processing plates in a range of formats, well shapes, well volumes and well bottoms that can be used in automated or manual systems

Learn more at
[thermofisher.com/multidrop](https://www.thermofisher.com/multidrop)

Laboratory consumables



Reusable plastic labware

- Beakers
- Cylinders
- Erlenmeyer flasks
- Laboratory bottles
- Carboys
- Drop-dispensing bottles and wash bottles
- Tubing and tubing systems
- Wide range of resins and sizes
- Plastic labware is less likely to break or shatter than glass

Immunoassay plates

- A wide range of high performance, cost-effective, immunoassay plates to fulfil ELISA kit requirements
- Helping provide maximum confidence in assay performance
- Advanced and consistent binding capacity
- Specialised surface treatments specific for antibody or antigen detection
- Diverse range of formats and styles available

Filtration

- Filter units available with membrane types: PES, SFCA, Nylon and CN*
- Bottletop filters available with membrane types: PES and SFCA*
- Storage bottles
- Syringe filters: A wide range of membrane types available including SFCA, CA, nylon and PTFE*
- Filter Membranes available with membrane types: Nylon and cellulose acetate
- Water quality membranes

***Membrane types:** PES (Polyethersulfone), SFCA (Surfactant-free cellulose acetate), CN (Cellulose Nitrate), PTFE (Polytetrafluoroethylene)

Learn more at
[thermofisher.com/breaktheglass](https://www.thermofisher.com/breaktheglass)

Learn more at
[thermofisher.com/elisaplates](https://www.thermofisher.com/elisaplates)

Learn more at
[thermofisher.com/filtration](https://www.thermofisher.com/filtration)

Laboratory consumables and instruments



Packaging bottles and vials

- High quality bottles, ranging in size from 0.5 ml up to 2,000 ml
- Available in a range of formats to suit your business
- Range of materials: a broad range of materials available including LDPE, HDPE and PET and autoclavable PPCO bottles, as well as pre-sterilised PET and PETG bottles
- Diagnostic bottles
- IP2 bottles
- Micro packaging vials
- Narrow and wide-mouth bottles
- Dropper bottles
- Square bottles
- Media bottles

Learn more at
thermofisher.com/packagingbottles

Clinical consumables

- Petri dishes, tubes, and accessories for microbiology
- Polystyrene containers from 7 to 350 ml
- Polypropylene 30 ml universal containers
- Polypropylene Flip-Top vials, ideal for storing liquids and solids
- Transfer pipettes
- Drugs of abuse products
- Loops and spreaders
- Thermo Scientific™ Sterilin™ Dippas™ products
- Polystyrene urine tubes

Learn more at
thermofisher.com/clinicalconsumables

Sample storage

Collect

- Thermo Scientific™ Nalgene™ and Nunc™ Cryotubes
- Thermo Scientific™ Matrix™ 2D Barcoded Tubes
- Thermo Scientific™ Nunc™ and ABgene™ Storage Plates

Seal

- Automated and manual decapping systems
- Thermo Scientific™ SeptraSeal™ Mats
- Thermo Scientific™ ALPS 5000 Automated Plate Heat Sealer and ALPS 50V manual heat sealer

Track

- 2D Barcode readers

Store

- Cryoboxes and freezing containers
- Universal latch racks

Learn more at
thermofisher.com/samplestorage

Applications

Find the right product for your application



Cell and gene therapy

- Explore our laboratory products suitable for cell and gene therapy applications
- Discover a range of Thermo Scientific products to help support your GMP and cleanroom needs for cell and gene therapy
- Find options from CO₂ incubators and centrifuges to cold storage, biological safety cabinets, and beyond
- Learn about innovations supported by high-quality materials, Factory Acceptance Test (FAT) certification, and on-site compliance support

Key featured products:



Thermo Scientific™ General Purpose Pro Centrifuge - CTS™ Series



Thermo Scientific™ Herasafe™ 2030i Biological Safety Cabinet CTS™ Series



Thermo Scientific™ Cleanroom Certified CO₂ Incubators CTS™ Series



Thermo Scientific™ Cryomed™ Controlled-Rate Freezer with OPC™ UA



Thermo Scientific™ Steri-Cult™ CO₂ Incubator CTS™ Series

Find out more at [thermofisher.com/ctslabequipment](https://www.thermofisher.com/ctslabequipment)

Biobanking

- Discover our range of consumables and equipment for your next breakthrough
- Products and services that help give you the power to secure and preserve your precious samples
- Innovative, high-quality products including ultra-low temperature freezers, storage tubes, controlled-rate freezers, wireless monitoring solutions and many more

Key featured products:



Thermo Scientific™ TSX
Ultra-Low Temperature Freezers



CryoMed Controlled-Rate
Freezer with OPC UA



Smart-Vue Pro Remote
Monitoring System



Thermo Scientific™ Matrix™
Tri-Coded Tubes



Thermo Scientific™ CryoExtra™
High Efficiency Cryogenic
Storage Systems (for -196 °C)

Find out more at [thermofisher.com/biobanking](https://www.thermofisher.com/biobanking)

Food and beverage quality control

- Your brand and customers depend on the strength of your quality control data
- We can support your quality analysis workflows, helping you to improve efficiency, reliability and obtain more accurate data
- Thermo Scientific laboratory products for quality control in food and beverage come with end-to-end support. When you partner with us, you'll have access to global technical support teams, application support, and product services from day one.

Key featured products:



Thermo Scientific™
Nalgene™ Analytical Filters
and Accessories



Thermo Scientific™ TSX Series
Laboratory Refrigerators and
Freezers



Thermo Scientific™ Orion Versa
Star Pro™ and Orion Star™
A Series Benchtop Meters



Thermo Scientific™ Barnstead™
Smart2Pure™ Pro Water
Purification System



Thermo Scientific™ Heratherm™
Microbiological Incubators

Find out more at [thermofisher.com/foodandbeverageqc](https://www.thermofisher.com/foodandbeverageqc)

Cell culture

- Thermo Scientific laboratory equipment for cell culture offers market-leading technologies to help improve productivity, comfort, efficiency and safety based on many years of experience, supporting your cell culture application from preparation to storage.
- Technologically advanced products help keep your samples safe from contamination, protect your next discovery and help advance your research.
- Range of equipment options available to meet individual application needs.

Key featured products:



Thermo Scientific™ 1300 or MSC-Advantage™ Biological Safety Cabinets (depending on region)



Thermo Scientific™ Heracell™ VIOS™ CO₂ Incubators



Thermo Scientific™ TSX Ultra-Low Temperature Freezers



Thermo Scientific™ General Purpose Centrifuges



Thermo Scientific™ Solaris™ Orbital Shakers

Find out more at [thermofisher.com/safercells](https://www.thermofisher.com/safercells)

Bioprocessing centrifuges



- Thermo Scientific bioprocessing centrifuges are designed for high quality, clean, fast and high-yield bioseparation.
- Attain secure, continuous-flow harvest with our robust portfolio of integrated and scalable centrifugation solutions for applications ranging from cell and gene therapies to production of novel proteins, monoclonal antibodies and viral vaccines.
- Learn more about single use, sterilized, closed systems for centrifugation that helps reduce contamination risks, simplifies cGMP compliance and saves time.

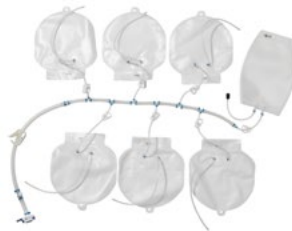
Key featured products:



Thermo Scientific™ Sorvall™ BIOS
Centrifuge Series



Thermo Scientific™ Sorvall™
LYNX Superspeed Centrifuge
Series



Thermo Scientific™ CentriPAK™
BioProcess Container



Thermo Scientific™ Sorvall™
WX+ Ultracentrifuge Series



Thermo Scientific™ Sorvall™
CC40 Centrifuge Series

Find out more at [thermofisher.com/flexforwhatsnext](https://www.thermofisher.com/flexforwhatsnext)

Clinical solutions



We provide a robust fit-for-purpose clinical portfolio of equipment designed to support clinical labs, diagnostic labs and blood banks. In addition to products designed and built to high quality standards, we also offer specialized solutions, expert guidance, and timely support for labs with critical business needs during unprecedented times.

Key featured products:



Thermo Scientific™ TSX Series
Pharmacy Refrigerators and
Freezers



Thermo Scientific™ Medifuge™
Small Benchtop Centrifuge



Thermo Scientific™ TDE Series
Ultra-Low Temperature Freezers



Thermo Scientific™ Samco™
Clicktainer Vials



Thermo Scientific™ Sorvall™
ST4 and ST4F Plus
Centrifuges

Find out more at [thermofisher.com/clinicalsolutions](https://www.thermofisher.com/clinicalsolutions)

Water and wastewater

Water is a fundamental commodity for human life and the economy. Absent, inadequate, or inappropriately managed water can expose individuals and organizations to substantial liabilities and preventable health risks. Whether it's being used for drinking purposes, wastewater treatment, laboratory preparation, industrial manufacturing, food production or recreational enjoyment, water must be measured and evaluated to ensure it meets the required safety, regulatory and/or application needs. Thermo Scientific™ water analysis solutions provide accurate and dependable monitoring of the physical, chemical and biological parameters of water.

- Reliable equipment compliant with pharmaceutical, environmental, food and other accepted test methods in various applications
- Comprehensive offering of benchtop and portable solutions to enable testing flexibility in the lab, on the floor, or in the field
- Accurately measure key parameters such as pH, ORP, conductivity, dissolved oxygen, turbidity, ammonia, fluoride, nutrients and more
- Perform continuous monitoring online or in-situ for documentation and process control
- Reduce training time and empower easy operation for technical and non-technical users with intuitive user interfaces

Key featured products:



Thermo Scientific™ Orion™
8010cX Ammonia Analyzer



Thermo Scientific™ Orion™
pHR Process ROSS™
Electrode



Thermo Scientific™ Orion™ Versa
Star Pro™ pH/ISE Benchtop
Multiparameter Meter



Thermo Scientific™ Orion™
AquaMate AQ8100 UV-Vis
Spectrophotometer



Thermo Scientific™ Orion™
Star T910 pH Titrator and Kits

Find out more at thermofisher.com/wateranalysis

Services



New laboratory construction

- **Deep scientific expertise:** As a direct response to the needs of the market, we create innovative technologies that help you design a space that will meet the most complex needs for the lab.
- **Collaborative culture:** Trust the world leader in serving science, focused on working with you to build a lab uniquely suited to your client's functionality and form.
- **Valuable resources:** Backed by a dedicated construction support and service team with tools created with you in mind. We aim to provide you with everything needed to make the best decisions for your client.
- **Proven performance:** Feel confident in the quality and breadth of our portfolio that work together to create a practical lab.

Learn more at
thermofisher.com/newlab

Financial services

From traditional leasing programs to comprehensive subscriptions services, our financial solutions have the flexibility you need to support your budget and technology needs.

Learn more at
thermofisher.com/financialsolutions

Equipment services

When you invest in Thermo Scientific laboratory equipment, you not only benefit from top-quality product performance, you also enjoy peace of mind and maximum uptime with exceptional service solutions provided by Unity™ Lab Services, part of Thermo Fisher Scientific. Our customized service offerings and highly experienced service professionals provide the flexibility and expertise to address your lab's unique needs. We offer a complete portfolio of services and support designed to help you improve productivity, reduce total cost of ownership, and help ensure the performance of your laboratory equipment and workflows.

In addition, our comprehensive and cost-effective suite of qualification, temperature mapping, and calibration services can help increase your lab's performance and save you time by documenting system functionality and mitigating the risk of regulatory noncompliance.

Uncover the Unity Lab Services advantage with our service and warranty offerings to fit the needs of your lab.

Learn more at
unitylabservices.com



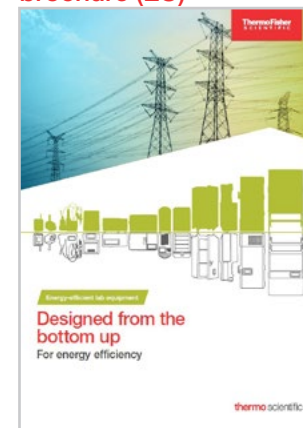
Sustainability

Energy-efficiency and more

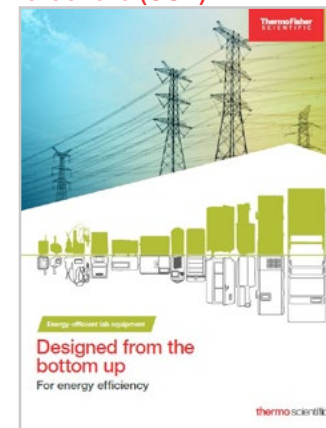
Thermo Scientific Laboratory Equipment is designed and manufactured with environmental sustainability in mind. By using green refrigerants, designing for energy efficiency and building our products with recyclable materials whenever possible, we seek to protect the environment and help others do the same. Many of our products are ENERGY STAR™ certified, and carry the My Green Lab ACT label to provide clear, third-party verified information about the environmental impact of our equipment.

We are committed to achieve net-zero emissions by 2050, and are continuously investing in minimizing the environmental impact of our products and packaging—designing from the bottom up to help protect the planet.

Energy-efficiency brochure (EU) 



Energy-efficiency brochure (USA) 



Find out more at thermofisher.com/sustainability



Connectivity

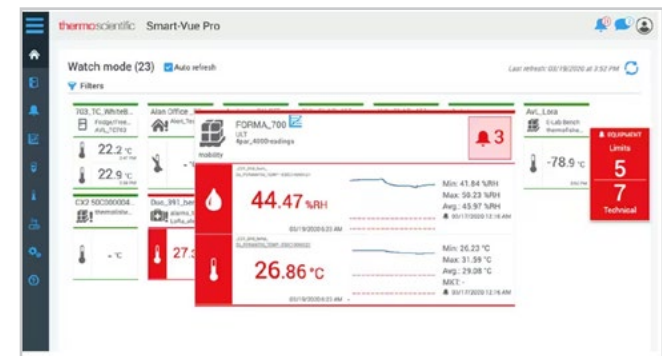
Building the lab of the future

Thermo Scientific lab equipment is developed in conjunction with remote monitoring and control platforms so you're ready for next-level operations and management. Our growing Connected Solutions platform includes global cold chain tracking, custom 24/7 remote monitoring for added sample protection and validated remote monitoring for 21 CFR Part 11 data logging to help improve efficiency and accuracy. We also offer asset performance analytics technology to monitor energy consumption and predict required maintenance—or even failure—ultimately helping you make data-based operations decisions. If you don't have the staff or time to manage your own equipment, monitoring as a service is available on select equipment. Thermo Scientific understands the importance streamlining lab systems, and that's why we're also bringing OPC UA capabilities to our equipment for easy integration.

We want to shape the lab of the future, and we design our products from the bottom up for connectivity.

Find out more at thermofisher.com/connectedsolutions

Examples



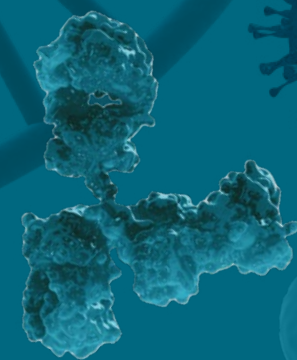
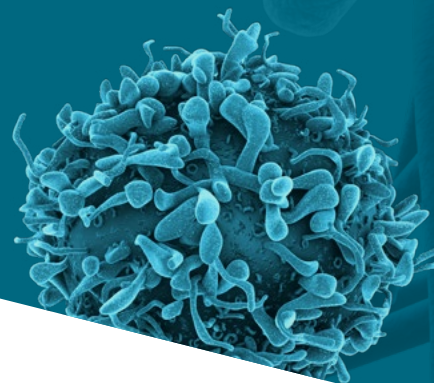
Smart-Vue Pro Remote Monitoring System offers 24/7 remote monitoring and documentation of specific parameters, e.g. temperature, humidity, CO₂ and pressure.



OPC UA gateway (accessory) for Heracell VIOS/Vios CR incubators enables integration into Distributed Control Systems.



Integrated firmware of CryoMed Controlled-Rate Freezers for OPC UA integration. For cell and gene therapy companies our Gibco™ CTS™ Cellmation™ Software supports workflow automation with Emerson™ DeltaV™ system.



Learn more at thermofisher.com/labequipment



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