



Laboratory Products

The heart of every lab

Designed for you,
helping advance science

thermo scientific



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 advanced 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.



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

Centrifuge Selection Overview

Centrifuge overview
Mini, micro, small bench and general purpose

Thermo Scientific™ Centrifuges provide optimal speed and quality to fit every application.

Model Name	Lighting 4	Lighting 12	Lighting 24	Lighting 48	Lighting 96	Lighting 192	Lighting 384
Max. Capacity	4	12	24	48	96	192	384
Max. Speed (rpm)	1500	2000	2500	3000	3500	4000	4500
Max. RCF (g)	1000	1300	1600	1900	2200	2500	2800
Max. Volume (mL)	2	6	12	24	48	96	192
Max. Weight (g)	100	300	600	1200	2400	4800	9600
Max. Rotor Weight (g)	100	300	600	1200	2400	4800	9600
Max. Rotor Volume (mL)	2	6	12	24	48	96	192
Max. Rotor Weight (g)	100	300	600	1200	2400	4800	9600
Max. Rotor Volume (mL)	2	6	12	24	48	96	192
Max. Rotor Weight (g)	100	300	600	1200	2400	4800	9600
Max. Rotor Volume (mL)	2	6	12	24	48	96	192

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 centralised monitoring features with SECURE-Spin connectivity
- 5 Ergonomic enhancements with accessory trays, hand grips and motorised gas springs



*Applicable to certain models

Learn more at thermofisher.com/centrifuges

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

Centrifuge portfolio



Product portfolio

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



Learn more at thermofisher.com/centrifuges

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

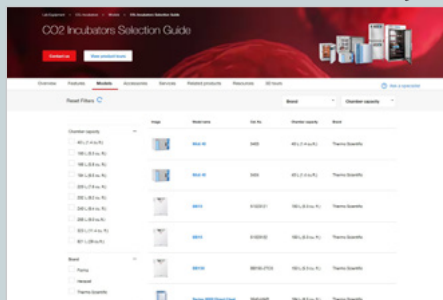
CO₂ incubators and accessories

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 sterilisation 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



Automated and cleanroom incubators



Product portfolio

- From small to large capacity CO₂ incubators
- Cleanroom-certified incubators
- Workflow integration support with optimised 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, CO₂, humidity and/or light stability control
- 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
- 6 Data logging for support of 21 CFR Part 11 and remote data monitoring needs

*Applicable to certain models

Drug stability testing brochure



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

Water purification systems

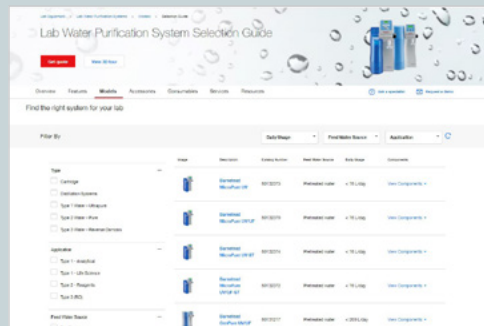
Features and benefits

- 1 Designed for ease-of-use and self-service operation
- 2 Thermo Scientific™ xCAD dispensing and flexible configurations.
- 3 Emergency switch to help minimise downtime for clinical applications.
- 4 Designed for quick consumable change.
- 5 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 analysers



Learn more at thermofisher.com/waterpurification

Shakers



Product portfolio

- Orbital shakers
- Temperature controlled shakers
- CO₂ resistant shakers
- Incubator Shakers and CO₂ Incubator Shakers

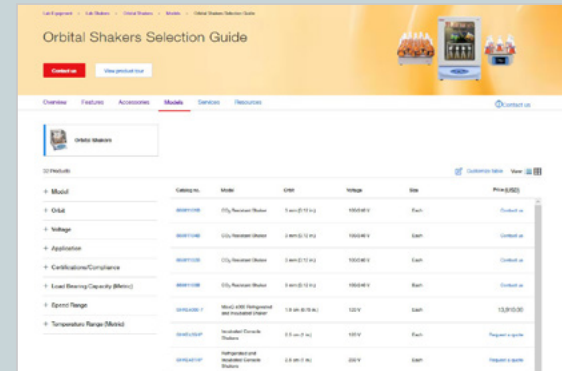
Shaker selection by configuration



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 

SpeedVac Model*	Integrated	Integrated	Modular	Modular	Modular	Modular	Modular	Modular
Max 1.0ml tube capacity	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Distillation								
Evaporation								
High-boiling								
Ammonium hydroxide evapn								
Acidolysis								
DMF or acetonitrile or DMSO								
Protein, enzymes, DMSO, heparin								
High-boiling, volatile, or other acids, bases								
Low-boiling organic solvents								
Aliphatic organic solvents (high-boiling)								
Chlorinated and nitro organic solvents, hydrocarbons, ketones								
High-boiling organic solvents								
Aliphatic organic solvents (high-boiling)								
DMF, DMSO, nitrobenzene, acetone								
Strong acids and bases								
Organic solvents (high-boiling)								
THF, HCl, acetic acid, formic acid, benzoic acid								

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)

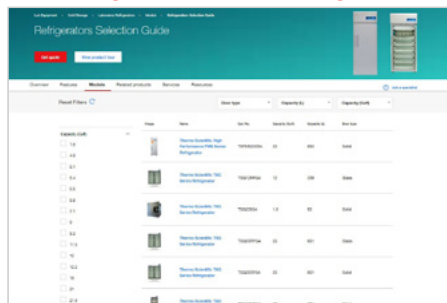
Cold storage solutions



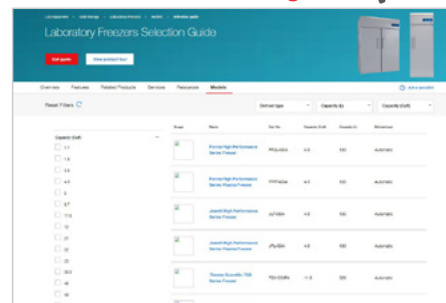
Product portfolio

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

Lab refrigerators selection guide



Lab freezers selection guide

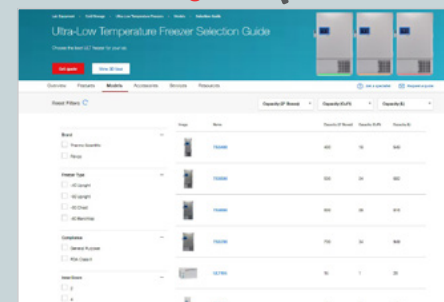


Designed to support your science across all temperatures

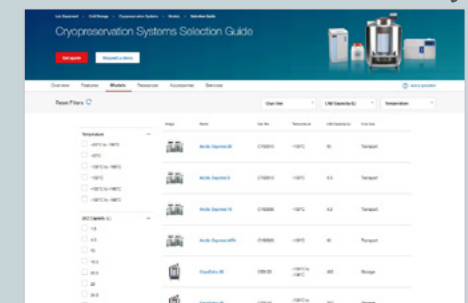
- 1 Short and long-term cold storage solutions ranging from 2°C to -196°C
- 2 Energy-efficient, sustainable solutions verified and certified by ACT, SNAP, and ENERGY STAR*
- 3 Over 70 years of innovation in cold storage to help safeguard precious samples
- 4 Connectivity-enabled to help manage, monitor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

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

ULT selection guide



Cryopreservation selection guide



Learn more at thermofisher.com/coldstorage

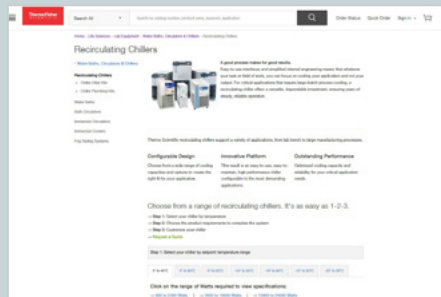
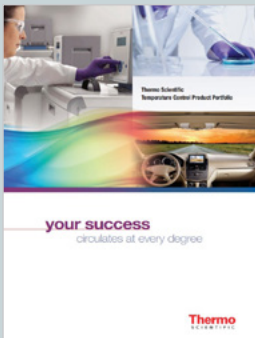
Temperature control

Temperature control product highlights

- 1 Outstanding temperature stability ($\pm 0.1^{\circ}\text{C}$)
- 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 litres, 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

Electrochemistry



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 tester, meters and reagents
- Process analysers 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 Setup wizard on-screen with meter tours and workflow guides
- 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



5 Reasons Why pH is Critical to Successful Cell Culture



Accuracy You Can Trust



Learn more at thermofisher.com/orion

Connected solutions



Benefits and features

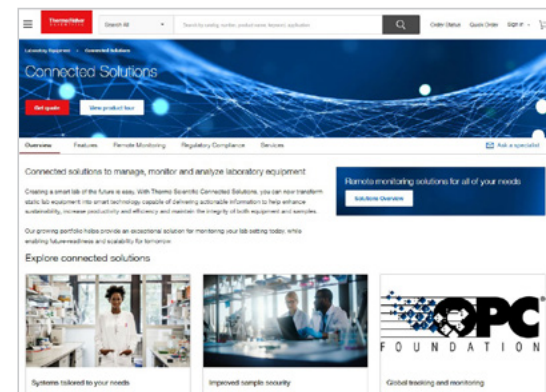
- ✓ Scalable LoRa WAN wide area network
- ✓ Supports 21 CFR Part 11 data logging
- ✓ OPC™ UA for premise-based system integration
- ✓ 24/7 remote monitoring alarms and notifications
- ✓ Equipment location mapping
- ✓ Temperature, door open, energy, CO₂, ambient temp, location, power, humidity and more
- ✓ Advanced monitoring telemetry, including system data, on-board equipment data and more

Product portfolio

- Thermo Scientific™ Smart-Vue™ Pro Remote Monitoring System
- *Thermo Scientific™ InstrumentConnect*

*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

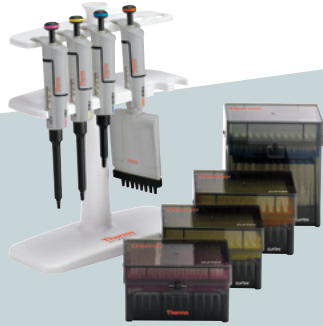
Laboratory consumables and instruments

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



Pipettes and pipette tips

- All Thermo Scientific pipettes are available in single or multi-channel variants
- Designed to be robust, durable, sleek and to offer ergonomic comfort
- The Thermo Scientific™ ClipTip™ range offers a complete seal on every channel with tips that lock in place using a light touch
- The Thermo Scientific™ Finnpiquette™ range is engineered to deliver consistent and reliable results, ensuring optimal performance in every application
- Thermo Scientific™ ART™ universal pipette tips have a unique barrier to avoid contamination and are available in a variety of specialised options including gel-loading, wide-bore and low-retention

Pipette Systems	Manual or electronic	Volumes	Autoclavable	Finntip compatible	ClipTip compatible	Index finger trigger	Electronic tip ejection	Adjustable tip spacing	Bluetooth protocols
Finnpiquette™ F1	Manual	0.1µl - 1000µl		•					
Finnpiquette™ F2	Manual	0.2µl - 10,000µl	•	•					
F1-ClipTip™	Manual	0.2µl - 10,000µl	•		•				
Finnpiquette™ Novus	Electronic	1µl - 5000µl	•*	•		•			
E1-ClipTip™	Electronic	0.5µl - 1250µl	•*		•	•	•	•	•

*Specific components only

Reagent dispensers

- Thermo Scientific™ Multidrop™ Combi and Pico products enable precise, high-throughput dispensing
- A choice of models provides dispensing from 11 µL to 2500 µL
- Accommodates microplates from 6 to 1536 wells
- Easy to set up, use and maintain

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

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

Laboratory consumables



Reusable plastic labware

Thermo Scientific™ Nalgene™ labware is high quality, reusable and durable and available in a wide range of resins and sizes:

- Laboratory bottles
- Beakers
- Burets
- Carboys
- Cylinders
- Dessicators
- Dilution bottles, dropper bottles and wash bottles
- Erlenmeyer and Volumetric flasks
- Funnels
- Jars and jugs
- Tubing and tubing systems
- Vacuum apparatus

Learn more at
thermofisher.com/nalgene

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

Learn more at
thermofisher.com/elisaplates

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 and Prefilter disks available with membrane types: Nylon, Glass Fiber and Cellulose Acetate
- Water quality membranes
- Analytical membrane bands designed for use with most dispensers offering flexibility
- Analytical filter funnels

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

Learn more at
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
- Diagnostic bottles
- IP2 bottles
- Micro packaging vials
- Narrow and wide-mouth bottles
- Dropper bottles
- Square bottles
- Media bottles
- Sterile and non-sterile PET and PETG bottles

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

Clinical consumables

- Petri dishes, tubes, and accessories for microbiology
- Polystyrene containers from 7 to 250 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
- Polystyrene urine tubes

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

Sample storage

Collect

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

Seal

- Automated and manual decapping systems
- Thermo Scientific™ SeptraSeal™ Mats
- Thermo Scientific™ ALPS automated and manual heat sealers

Track

- 2D Barcode readers

Store

- Cryoboxes and freezing containers
- Universal latch racks

Learn more at
[thermofisher.com/samplestorage](https://www.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™
Universal Series 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™ Pro Star pH 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 and consumable options available to meet individual application needs

Key featured products:



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



Thermo Scientific™ Heracell™ VIOS™ CO₂ Incubators



Thermo Scientific™ TSX™ Universal Series Ultra-Low Temperature Freezers



Thermo Scientific™ General Purpose Centrifuges



Thermo Scientific™ Solaris™ Orbital Shakers



Thermo Scientific™ Nalgene™ Rapid-Flow™ Filtration

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

Clinical solutions



We provide a robust fit-for-purpose clinical portfolio of equipment designed to support clinical labs, diagnostic labs or blood banks. In addition to products designed and built to high quality standards, we also offer specialised 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™ Sorvall™ ST4 and ST4F Plus Centrifuges



Thermo Scientific™ Samco™ Clicktainer Vials

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

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, sterilised, closed systems for centrifugation that helps reduce contamination risks, simplifies cGMP compliance and saves time

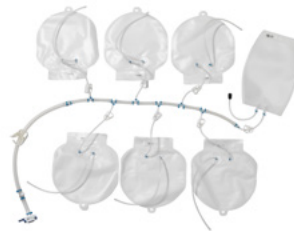
Key featured products:



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/bioprocessing-centrifuges](https://www.thermofisher.com/bioprocessing-centrifuges)

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 can help 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

Unity™ Lab Services provides worldclass service solutions to support your equipment. Our comprehensive service portfolio was designed to meet the needs of your lab.

- Equipment service plans
- On-demand services
 - Compliance services
 - Preventive maintenance
 - Start-up services

Managing services for your equipment has never been easier. Services Central is a centralised online platform, in selected European countries, that enables you and your colleagues to request service, view service request status and service history, check service plan or warranty coverage, access manuals, and more.

Learn more at
thermofisher.com/unitylabservices



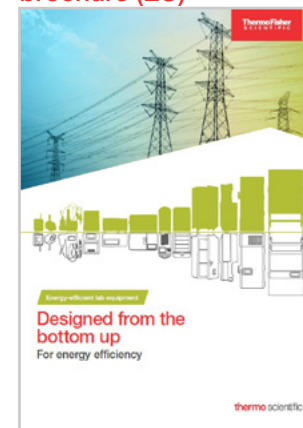
Sustainability

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 laboratory equipment and consumables are My Green Lab ACT labelled, while our Thermo Scientific TSX Universal ULT freezers are ENERGY STAR™ certified. These certifications provide clear, third-party verified information about the environmental impact of our products.

We are committed to achieve net-zero emissions by 2050, and are continuously investing in minimising the environmental impact of our products and packaging.

Energy-efficiency
brochure (EU) 



Find out more at thermofisher.com/sustainability

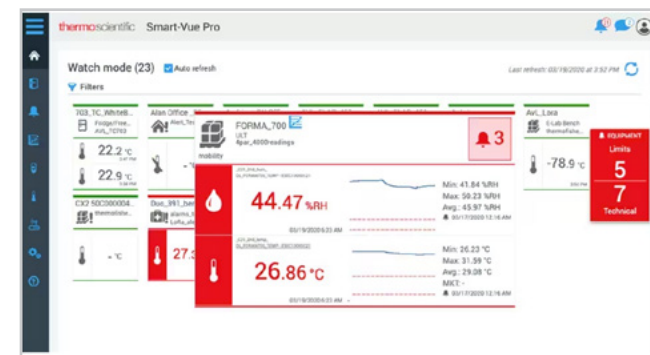
Connectivity

Building the lab of the future

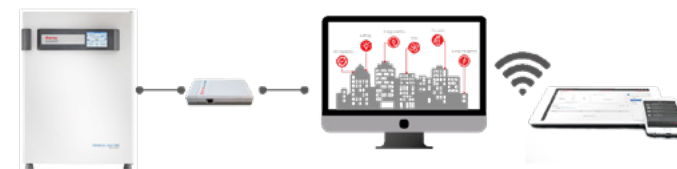
Thermo Scientific laboratory equipment is developed in conjunction with remote monitoring and control platforms so you're ready for next-level operations and management. Our growing Connected Solutions platform includes global cold chain tracking, custom 24/7 remote monitoring for added sample protection 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 Fisher Scientific understands the importance streamlining lab systems, and that's why we're also bringing OPC UA capabilities to our equipment for easy integration.

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/heartofeverylab



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