

thermo**scientific**



Startup to finish
we're there for you

Everything you need for your Life Science lab

Thomas
Scientific

ThermoFisher
SCIENTIFIC

Cell Culture

Your next discovery. It offers the promise of hope and healing and improving the quality of life for many. Delivering that discovery faster is your goal. It's our goal too. That's why we offer a total solution—supporting you across every stage of cell culture research.

Growth and Passage

- Serological Pipettes
- S1 Pipet Fillers
- Specialty Surface Flasks
- EZFlip Conical Tubes
- CO₂ Incubators
- Polypropylene Dishes and Multidishes
- EasYFlasks
- Finnpiquette F1 Pipettes and Tips
- Edge Plate 2.0
- Cell Factory Systems

S1 Pipet Fillers

Fatigue-free pipetting

Nunc Serological Pipettes

Controlled sampling

Heraeus Benchtop Centrifuges

Fits in your lab and stands out with innovative technologies

Nunc EasYFlask

Enhance cell attachment, growth and differentiation

Nunc Conical Centrifuge Tubes

More volume, access and space for decanting

Growth and Passage

Storage

Revco High-Performance Lab Refrigerators

Designed to protect media and reagents

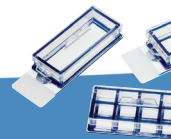
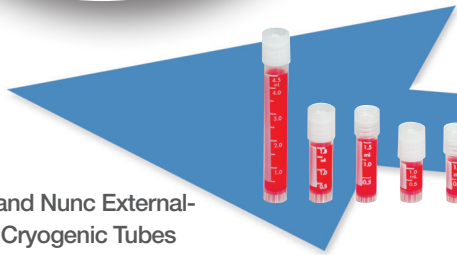
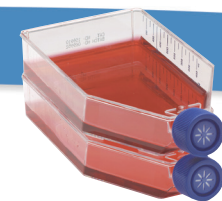
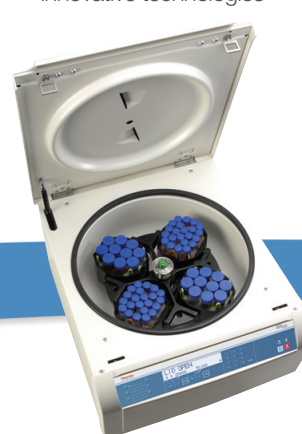
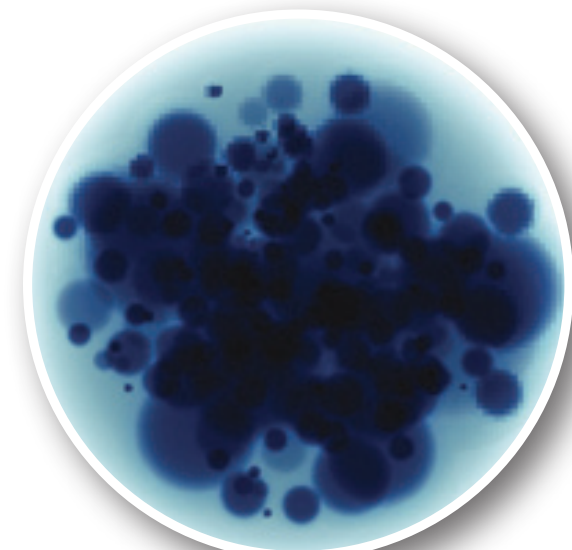
CO₂ Resistant Bottle Roller

Maximize valuable bench space

Nalgene and Nunc External-Thread Cryogenic Tubes

High quality, reliable sample storage

Nunc LabTek Chambered Coverglass
Ultimate flexibility for cell imaging analysis



Harvest

- Specialty Surface Flasks, Plates and Dishes
- Cell Scrapers
- Centrifuges
- Serological Pipettes
- PPCO Conical Centrifuge Tubes - 15 and 50 mL
- aPES and SFCA Filter Units

Characterization and Analysis

- Finnpiquette F1 Pipettes and Tips
- Edge Plate 2.0
- Chamber Slides
- Microplate Readers
- Microwell Plates
- Microplate Dispensers
- Smart Digest

Storage

- Refrigerators
- Freezers
- Cryoboxes and Racks
- Cryotubes

Heracell VIOS CO₂ Incubator

Achieve your next breakthrough



Nalgene Rapid-Flow Filter Units

Engineered for maximum efficiency



Nunc Cell Scrapers

Adjustable Blade



Barnstead Water Purification Systems

Exceptional lab water systems without the attitude



Multidrop Combi Microplate Dispensers

Ultimate versatility for reagent dispensing



Nunclon Sphera Cell Culture Surface Coating



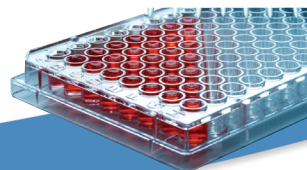
Harvest

Characterization and Analysis



Finnpiquette F1 Pipettes and Tips

Exceptional performance with comfort redefined



Nunc Edge 2.0 96-well Plate

Uniquely designed to prevent edge effect



SMART Digest Kits

A significant advance in sample preparation

thermo scientific

Cell Culture Products

Nunc 15 and 50mL Conical Centrifuge Tubes

More volume, access and space for decanting



Thermo Scientific™ Nunc™ Conical Centrifuge Tubes

- Environmentally-friendly recyclable plastic rack
- Increased traceability with largest writing area
- Leak-proof to protect your samples

Nunc Cell Scrapers

Adjustable blade



Thermo Scientific™ Nunc™ Cell Scrapers

- Sterile
- Non-pyrogenic
- Adjustable blade

Nunc Serological Pipettes

Controlled sampling



Thermo Scientific™ Nunc™ Serological Pipettes

- Sterility assurance level (SAL) of 10^{-6}
- Certified non-pyrogenic
- Bold graduations with easy-to-read scale markings
- Color-coded for ease in sorting and selection
- Full range of size and packaging options
- Use sleek shortie pipettes for easy maneuvering when space in your lab is tight

S1 Pipet Fillers

Fatigue-free pipetting



Thermo Scientific™ S1 Pipet Fillers

- Ergonomically designed for fatigue-free pipetting
- Lightweight
- Cordless
- Heavy-Duty rechargeable lithium-ion battery provides three times longer operation between charges than typical units
- For use with graduated and volumetric glass and plastic serological pipets

Nunc Cell Culture EasYFlasks

Enhance cell attachment, growth and differentiation



Thermo Scientific™ Nunc™ EasYFlask™

- Cell culture treated with proprietary Nunclon™ Delta surface for optimal adhesion and cell growth
- Angled neck and wide opening allows easy access to the growth surface by pipettes or cell scrapers

Heraeus Benchtop Centrifuges

Fits in. Stands out.



Thermo Scientific™ Heraeus™ Benchtop Centrifuge

Featuring innovative Thermo Scientific™ technologies including:

- Push-button security and application flexibility with Auto-Lock™ rotor exchange
- Outstanding ergonomics and performance by Fiberlite™ carbon fiber rotors
- One-handed sample protection from ClickSeal™ biocontainment lids

Heracell VIOS CO₂ Incubator

Designed to achieve your next breakthrough

Thermo Scientific™ Heracell™ VIOS™ Series Incubators

- Better solutions for optimal cell growth – Revolutionary Thermo Scientific™ THRIVE™ active airflow technology delivers homogeneous growth conditions fast, avoiding unwanted sample variation
- Complete contamination control – Proven protection from every direction including ISO 5 HEPA air filtration, on-demand high-temperature sterilization, and easy to maintain copper
- Enhanced simplicity – Designed to focus on convenience, allowing you to spend more time on your research and less time managing your incubator



Barnstead Water Purification System

Exceptional lab water systems without the attitude

Thermo Scientific™ Barnstead™ Water Purification Systems

- Delivers pure and ultra-pure water with ease and flexibility
- Ergonomic designs improve control and put advanced features at your fingertips
- Feed water monitoring protects against crucial fluctuations that compromise purity
- Choose from compact systems with numerous mounting options and flexible dispensing features
- Mix and match systems to achieve specific water purity and volumes as required by your unique application and water source



Nalgene Rapid-Flow Filter Units

Superior performance and the last line of defense against contamination

Thermo Scientific™ Nalgene™ Rapid-Flow™ Filter Units

- Rapid-Flow design increases flow rate and throughput due to a support system engineered to work at maximum efficiency
- aPES membrane is ideal for cell culture media and buffers
- Range in membrane porosity, including 0.1 micron option for Mycoplasma protection
- 0.2 micron aPES Rapid-Flow filters are STEM CELL TESTED for safe use with stem cell media



CO₂ Resistant Bottle Roller

Maximize bench space with compact design

Thermo Scientific™ CO₂ Resistant Bottle Roller

- Anti-corrosive and wear resistant construction enables use in humid and CO₂ environments
- Adjustable speed accommodates a variety of applications
- Adjustable rollers accommodate a variety of tube/ bottle sizes
- Stacking kit allows you to stack units two high, saving valuable bench space



Finnpipette F1 Pipettes and Tips

Exceptional performance with comfort, redefined

Thermo Scientific™ F1 Finnpipette™ Pipette and Tips

- Volume adjustment is virtually effortless and silent
- Textured adjustment knob and optional grip strip enable a firmer grip



Multidrop Combi Microplate Dispenser

Ultimate versatility
for reagent dispensing

Thermo Scientific™ Multidrop Combi™ Microplate Dispenser

- Excellent precision even at low volumes
- Wide volume range of 0.5-2500 µl
- Any plate, any well size - from 6 to 1536-well plates
- Simple operation via visual icon-based graphical color display
- High throughput 24/7 operation



Nunclon Sphera Cell Culture Surface Coating

Supports easy,
repeatable growth of
spheroid cultures

Thermo Scientific™ Nunc™ Sphera™ Cell Culture Surface Coating

- Optimize spheroid formation — Grow cultures in suspension with low-binding surface
- Consistent spheroid growth — Expand volume of cells over time for easy, repeatable spheroid growth across multiple cell types
- Grow 3D cultures — Accurately simulate tumor cell progression
- Superior embryoid body formation — Form pluripotent stem cells with minimal spontaneous differentiation

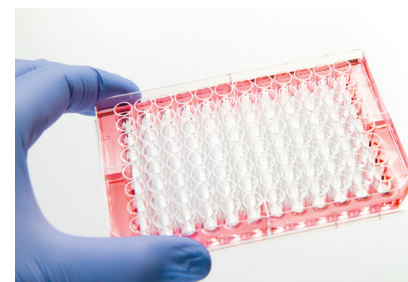


Nunc Edge 2.0 96-well Plates

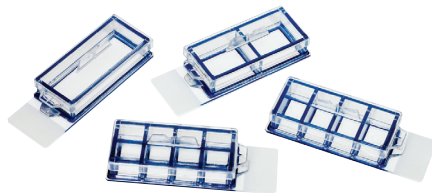
Take your cell-based
assays to the edge

Thermo Scientific™ Nunc™ Edge™ 2.0 Plates

- Provides full-plate cell viability and consistency, improving your process, efficiency and results
- Prevents edge effect through use of a surrounding evaporation moat, enabling full-use of our 96-well plates



Lab-Tek II RS Glass Chamber Slides



Optical clarity with
minimum fluorescence

Thermo Scientific™ Nunc™ Lab-Tek™ II RS Glass Chamber Slides

- Chambers are mounted to coverglass to provide optimal optical characteristics required for high magnification microscopy and confocal image analysis
- Soda lime glass, with special cell culture treatment wash, aids in the attachment of cells to the slide

Nalgene and Nunc External-Threaded Cryogenic Tubes

High quality, reliable sample
storage

Thermo Scientific™ Nalgene™ and Nunc™ External-threaded Cryogenic Tubes

- Volumes from 0.5mL to 15.0mL
- Sterility to SAL 10⁻⁶
- Made from non-cytotoxic and non-mutagenic raw materials
- Large writing area and graduations for easy sample identification
- Available with linear barcodes for secure sample traceability
- Compatible with standard system cryoboxes and racks
- CE marked



Revco High-Performance Lab Refrigerators

Designed to protect media and
reagents

Thermo Scientific™ Revco™ High-Performance Laboratory Refrigerators

- Wide range of cabinet sizes to fit your application need
- Advanced microprocessor temperature control
- Highest quality cabinet construction and alarm systems
- Forced air circulation for uniform temperature and fast door opening recovery
- Heat-free defrost for maximum uniformity
- Choice of glass or solid doors
- Keyed on/off switch with setpoint security



SMART Digest

Facilitating perfect
digestion

Thermo Scientific™ SMART Digest Kits

- Kits provide fast and simple protein digestion with high reproducibility, high sensitivity, and high levels of data quality in a format that's compatible with automation
- SMART Digest Kits are a significant improvement over current in-solution protein digestion technologies, which are not reproducible, have poor sensitivity, and employ protracted methodologies not amenable to automation

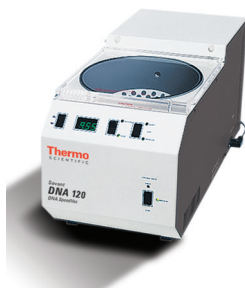




Savant SpeedVac Vacuum Concentrator

Convenience, Safety and
Flexibility

Thermo Scientific™ Savant™ SpeedVac™ Vacuum Concentrators



- Consistent Performance – Equipment in a typical research lab must be designed to support multiple users, numerous protocols, and many runs per day
- Simplicity – Operating our Savant SpeedVac concentrators is easy – a single program is all you need to support your DNA/RNA applications
- Sample Protection – DNA/RNA samples require careful handling during the denaturing process
- Compact, Easy-to-Use Design – Our DNA concentrators are the smallest integrated benchtop units available

Heraeus Microcentrifuges

Safe, powerful, versatile,
easy-to-use

Thermo Scientific™ Heraeus™ Microcentrifuges



- The standard rotor runs 24 tubes in a single row with equalized g-forces for reproducibility, from 1.5 to 2.0 mL tubes to mini-preps and spin columns
- Eliminate the need for adapters with the unique dual row rotor, which holds 18 tubes of both 1.5/2.0 mL and 0.5 mL in the same run
- Maximize your micro-volume capacity with the new 10 x 5 mL rotor with ClickSeal biocontainment lid, separating samples at g-force up to 20,326 x g
- Wide variety of rotors support 0.5 mL microtubes, 0.2 mL PCR tubes and hematocrit capillary tubes
- Lightweight rotors are designed to provide acceleration up to 21,100 xg in 12 seconds
- Refrigerated versions offer cooling from room temperature to set temperature in just 9 minutes
- Fast one-click centrifuge lid closure

An exceptional line of technologies and laboratory solutions to enable your smart lab

Our commitment: to help you attain the maximum value from our high-quality laboratory solutions. Every Thermo Scientific product is backed by our worldwide customer support and service. We are always ready to help you gain the maximum advantages from our high-quality laboratory solutions.

Some of our extensive resources that are available to make your research easier:

- SmartNotes
- Technical Bulletins
- Brochures
- Validation Binders
- Application Notes
- Videos
- Apps

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