



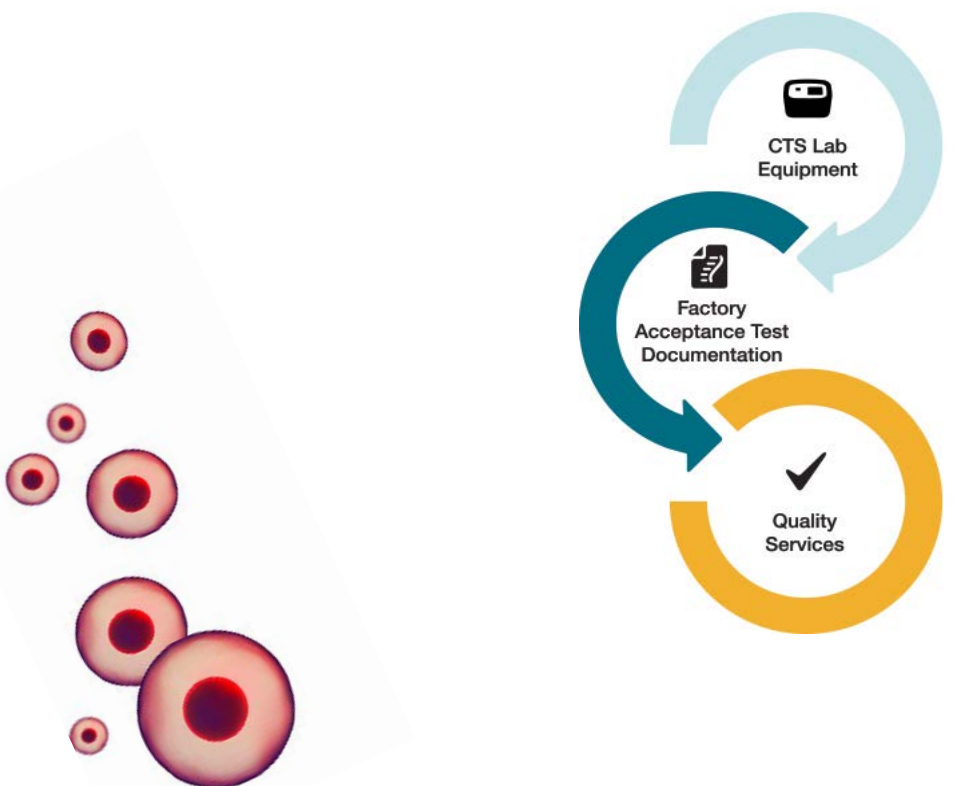
Thermo Scientific™ General Purpose Pro Centrifuges – CTS™ Series

Cell Therapy Systems (CTS) Series Lab Equipment provides you with proven solutions for commercial cell and gene therapy manufacturing

Thoughtfully designed for your cell and gene therapy manufacturing needs.

Explore integrated solutions that support your GMP and cleanroom needs for cell and gene therapy — from CO₂ incubators and centrifuges to cold storage, biological safety cabinets, and beyond. Our product innovations are supported by high-quality materials, factory acceptance

testing documentation, and on-site compliance services. They help you get up and running faster, stay compliant, support regulatory audits, and stay on schedule — as you translate your cell therapy from discovery to clinical research and commercial manufacturing.



Thermo Scientific General Purpose Pro Centrifuges are designed to meet the needs of today's rapid-fire discoveries, with updates to help you get your research done more quickly, consistently, and with powerful reliability.

Built on the foundation of quality and dependability that you expect from Thermo Scientific products, General Purpose Pro Centrifuges have features that can take your work to the next level.

- Intuitive touchscreen interface enables easy access and programming for faster results
- TX-1000 swinging bucket rotor provides an unprecedented 4 L capacity (in a 3 L footprint) with the ability to hold up to 40 x 50 mL conical tubes, 96 x 15 mL conical tubes, or 4 x 500 mL conical bottles in one run
- Scheduling features and preventative maintenance queues help reduce downtime to avoid delay of cell processing, to lower the impact on cell viability
- Floor model option is ideal for space-challenged laboratories and is supplied with locking casters as standard to be easily moved for cleaning or relocation
- Thermo Scientific ClickSeal™ Biocontainment Lids help prevent contamination

- Compatible with common cGMP and cleanroom disinfecting procedures such as STERIS™ VHP dry heat sterilization
- Front USB port for easier plug in and data transfer in non-altered (PDF) format
- Current with all necessary regulatory certifications

Compliance packages are only available in select locations including the United States, Germany, France, the United Kingdom, Ireland, Spain, Portugal, Italy, Austria, Switzerland, Norway, Sweden, Denmark, and the Netherlands. For more information, contact your local representative.



Order details

Thermo Scientific General Purpose Pro Centrifuges – CTS Series

Complete validation packages include centrifuge, TX-1000 rotor (PN75003017), buckets (PN 75003001), biocontainment certified lids (PN 75007309), 50 ml conical adapters (PN 75003674), 15 ml conical adapters (PN 75007306) and 500 ml bottle adapters (PN 75007302), Factory Acceptance Certification and IQ/OQ/PQ Package*

Product description	Voltage and frequency	Cat. No.
Thermo Scientific™ Sorvall™ X4R Pro Cell Therapy Centrifuge CTS Series, Factory Acceptance Test Documentation, IQ/OQ/PQ Field Services	220-240 V, 50/60 Hz	75009014
	220 V, 60 Hz	75009015
	120 V	75009016
	100 V	75009017
Thermo Scientific™ Multifuge™ X4R Pro Cell Therapy Centrifuge CTS Series, Factory Acceptance Test Documentation, IQ/OQ/PQ Package	220-240 V, 50/60 Hz	75009023
	220-240 V, 50/60 Hz	75009055
Thermo Scientific™ Sorvall™ X4F R Pro Cell Therapy Centrifuge CTS Series, Factory Acceptance Test Documentation, IQ/OQ/PQ Field Services	220 V, 60 Hz	75009056
	120 V	75009057
	100 V	75009058
	220-240 V, 50/60 Hz	75009059
Thermo Scientific™ Multifuge™ X4F R Pro Cell Therapy Centrifuge CTS Series, Factory Acceptance Test Documentation, IQ/OQ/PQ Package	220-240 V, 50/60 Hz	75009059

Factory acceptance compliance packages includes centrifuge, TX-1000 rotor (PN75003017), buckets (PN 75003001), biocontainment certified lids (PN 75007309), 50 ml conical adapters (PN 75003674), 15 ml conical adapters (PN 75007306) and 500 ml bottle adapters (PN 75007302), Factory Acceptance Certification Package

Product description	Voltage and frequency	Cat. No.
Thermo Scientific Sorvall X4R Pro Cell Therapy Package CTS Series, Factory Acceptance Test Documentation	220-240 V, 50/60 Hz	75009018
	220 V, 60 Hz	75009019
	120 V	75009020
	100 V	75009021
Thermo Scientific Multifuge X4R Pro Cell Therapy Package CTS Series, Factory Acceptance Test Documentation	220-240 V, 50/60 Hz	75009022
	220-240 V, 50/60 Hz	75009050
Thermo Scientific Sorvall X4F R Pro Cell Therapy Package CTS Series, Factory Acceptance Test Documentation	220 V, 60 Hz	75009051
	120 V	75009052
	100 V	75009053
	220-240 V, 50/60 Hz	75009054
Thermo Scientific Multifuge X4F R Pro Cell Therapy Package CTS Series, Factory Acceptance Test Documentation	220-240 V, 50/60 Hz	75009054

* Complete validation packages are only available in select locations including the United States, Germany, France, the United Kingdom, Ireland, Spain, Portugal, Italy, Austria, Switzerland, Norway, Sweden, Denmark, and the Netherlands. For more information, contact your local representative.

Installation of equipment is not included within our IQ services. Additional fees apply for inside delivery shipping method or for full installation and setup of equipment.

Factory Acceptance Test (FAT) documentation binder

Support a timely and rapid validation process with our comprehensive documentation package

Products manufactured within the reliable ISO 13485 certified environment are provided with comprehensive FAT documentation to support timely validation.

Regulatory certificates

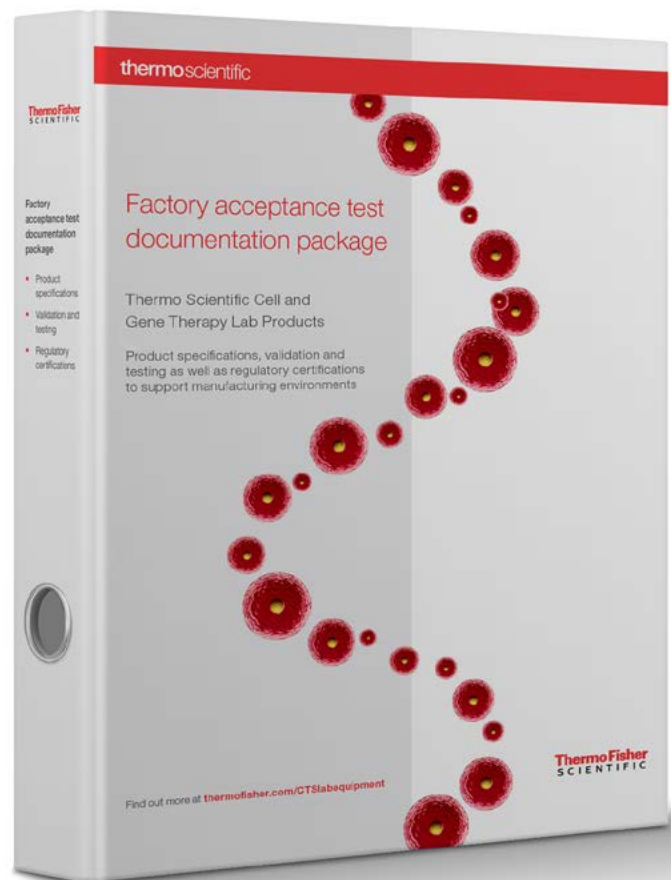
- Declaration of Conformity (CE) with EU law
- CSA and QMS Certificates
- Certificates of Environmental Status

Recommended protocols

- Suggested customer maintenance schedule
- Recommended cleaning and disinfecting solutions

Product-specific factory documentation and specification

- Certificate of Conformance
- Technical specifications
- Equipment drawings
- Porton Down Certificate
- STERIS™ VHP Disinfection Certificate



Qualification services

Gain confidence with our requalification service that can help reduce your risk of non-compliant instruments



Stay compliant with our industry-exclusive, no-charge requalification*

With Unity™ Lab Services qualification services, you'll be confident that your instruments have documented compliance should an unexpected audit arise. Unlike other OEM service providers who charge for requalification services, we are the only provider to requalify instruments and equipment at no charge if a key component fails while under the original factory warranty or a qualifying service instrument plan.



Pass audits the first time with our robust and easy-to-understand OEM qualification protocols and harmonized documentation

Our factory-developed qualification protocols are written to support accepted industry standards and regulatory requirements. Our qualification services provide consistent, audit-ready documentation that meets pre-determined and/or user specifications. In addition, our harmonization of qualification protocols and documentation across all instruments saves you administrative work, review time, and complicated approval processes, helping to ensure the best audit outcome.



Stay on schedule with our full-range, single-source support from experienced engineers

Unity Lab Services provides a full-service solution for installing, repairing, qualifying, and mitigating risks so your instruments (including other manufacturers' units) get up and running faster and your research stays on schedule. Our factory-certified validation engineers are product experts with experience in regulated environments, ensuring your qualifications are delivered efficiently and effectively to industry standards.



*** Industry-exclusive, no-charge requalification**

Unity Lab Services is the only OEM service provider to offer a guarantee and promise to requalify instruments and equipment at no charge if a key component fails while under the original factory warranty or a qualifying instrument service plan. Restrictions and terms and conditions apply. [Click here for complete terms and conditions.](#)

Service solutions*

Qualification/service	Description
Installation Qualification (IQ)	<ul style="list-style-type: none"> Verifies that the equipment, manuals, supplies and any other accessories arrived undamaged as specified in the sales order. Verifies equipment and any other accessories are assembled and installed. Any abnormal event(s) observed during the IQ is documented in the IQ protocol. Verifies that the installation site and equipment environment meet manufacturer-specified environmental requirements.
Performance Qualification (PQ)	<ul style="list-style-type: none"> Documented verification that instrument or equipment is performing effectively and reproducibly based on approved user-specific specifications.
Operation Qualification (OQ)	<ul style="list-style-type: none"> System component information: Records detailed configuration information for each system component. OQ limits: Records a list of manufacturer-recommended limits for ensuring that the system is operating as expected. Equipment operational tests and results: Tests important equipment functions to verify that the equipment operates as intended by the manufacturer and required by the user. Includes a group of important equipment parameters selected for testing depending on the intended use of the equipment. Key tests: Min/Max Speed, Brief/Extended Time, Temperature for Refrigerated Models.
Cycle Testing	<ul style="list-style-type: none"> Point-in-time test: Exercise of pre-defined duration that surpasses singular calibration and routine speed, time, and temperature monitoring activities for ensuring that the equipment is performing in accordance with the intended use of the system.

* Physical installation of equipment is not included in the bundle. Installation can be provided for a separate fee.

Visit unitylabservices.com/complianceservices to request a quote for service or to learn more.

Tips to stay compliant
 To stay compliant with your standards, we recommend our annual calibration and preventative maintenance services. For more information, contact your local sales representative.



Find out more at thermofisher.com/ctslabequipment