

Revolving around performance

Thermo Scientific™ X Series Centrifuges

Choose between 4 L floor or bench models

Features and benefits

Intuitive user interface

Wide range of rotors for application flexibility

Thermo Scientific™ Auto-Lock™ Rotor Exchange

Thermo Scientific™ GreenCool™ Technology (refrigerated models)

Improved ergonomics and user experience

Optional: Connectivity, sample tracking software

Thermo Scientific™ ClickSeal™ Biocontainment Lids

IVD, general purpose or Cell Therapy Systems (CTS™) Series models

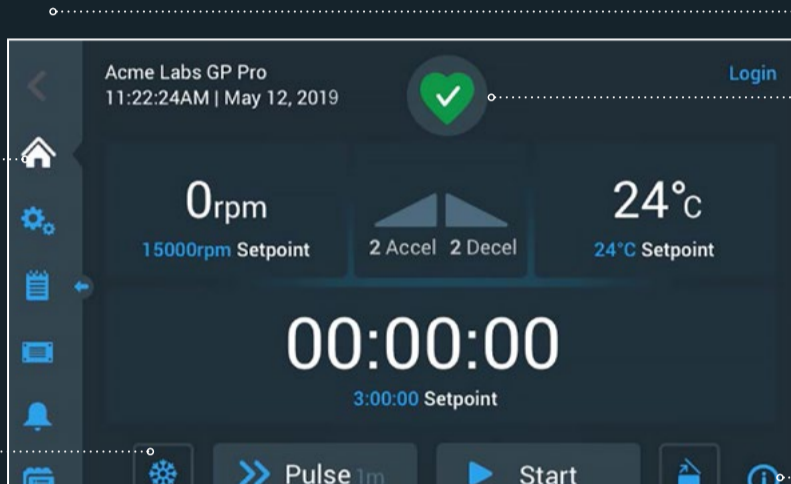


Full color touchscreen technology

Home screen

Easy menu access: no more scrolling

Precool function: centrifuge can be "at temp" before run



Centrifuge health: preventative maintenance alerts for less downtime

Help menu: virtual manual provides quick solutions

Pulse button: customizable one-touch quick spins

Auto-Lock Rotor Exchange

Quick switch between applications

Safely swap rotors in as few as 3 seconds

Soft unlock feature

No tools required



Improved ergonomics and user experience

Ergonomic working height with motorized gas springs for easy lid access and closure

Thermo Scientific™ SmartSpin™ Imbalance Detection

Thermo Scientific™ Accumulated Centrifugal Effect (ACE™) Function

ClickSeal Biocontainment Lids

Glove friendly

Biocontainment certification*

One-handed closure

Designed for right- or left-handed operation



*Biocontainment certification by Public Health England, Porton Down, UK or TÜV NORD CERT GmbH, Germany.

Rotor versatility and carbon fiber technology

Up to 18 rotor options

Up to 7 Fiberlite options

Thermo Scientific™ Fiberlite™ Carbon Fiber Rotors

- Lightweight carbon fiber
- Outstanding durability
- Corrosion- and fatigue-resistant
- Backed by a 15-year limited warranty



GreenCool technology for refrigerated models

Global Warming Potential From 1,430 to 3

Greener by design™

Less hazardous: GreenCool technology with R290 natural refrigerant (Global Warming Potential of 3)¹

Up to 6% lower energy consumption¹

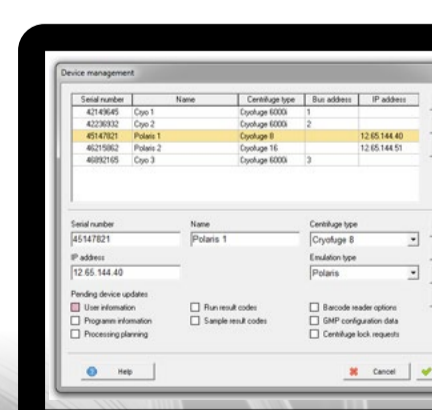
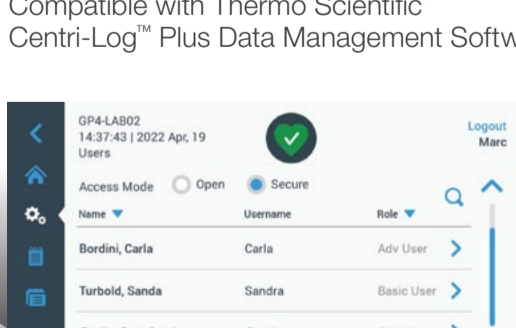
Extended life: End-of-life recycling program in United States¹

Made in a certified zero-waste facility¹

Connectivity

Thermo Scientific™ SECURE-Spin™ Mode (optional)

- Supports 21 CFR Part 11 compliance for data management and traceability
- Assign user rights and create up to 120 profiles
- Traceable documentation
- Compatible with Thermo Scientific™ Centri-Log™ Plus Data Management Software



Certifications and special models

General use, IVD and cleanroom compatibility

- Choose between general use or IVD (clinical) models. Our clinical models are in compliance with the EU IVDR (EU) 2017/746 and are listed by the FDA.
- Available with the following certifications: UL, CE, RoHS, CSA.
- Standards: IEC 61010-1, IEC 61010-2-020, IEC 61010-2-101, IEC 61010-2-011, EN 61326-1, EN ISO 13485.
- Cleanroom compatibility of 4L benchtop models: Class ISO 6 according to DIN EN ISO 14644-1.

Thermo Scientific™ X Centrifuge CTS™ Series

- 4L models available with extensive documentation package.
- Compliance services support Good Manufacturing Practice needs.



1. Find more information and compare data in the Green Fact Sheet from 2025: <https://documents.thermofisher.com/TFS-Assets/LPD/Reference-Materials/x-and-s-series-centrifuges-green-fact-sheet.pdf>

Learn more at thermofisher.com/xcentrifuge

thermo scientific

The intended use of the products mentioned in this brochure varies. Please refer to the product label. It is the customer's responsibility to ensure that the performance of the product is suitable for customers' specific uses or applications. © 2025 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. PSTR-12316930 1025