



## Revolving around performance

Thermo Scientific™ X Series Centrifuges

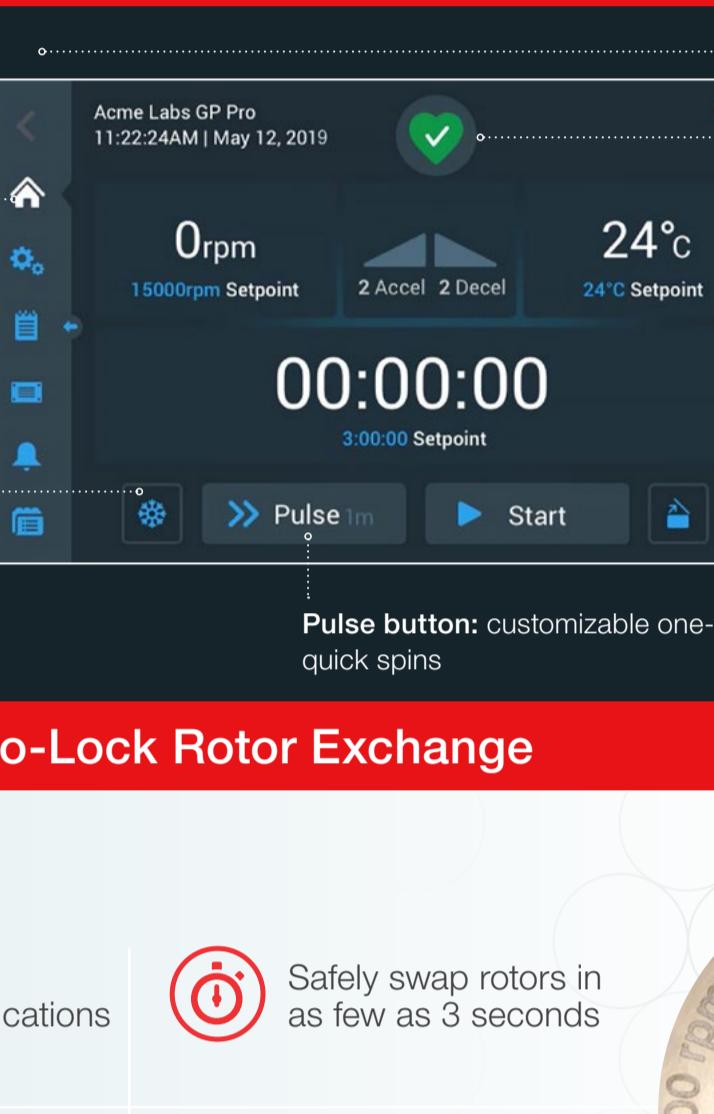
Choose between 4 L floor or bench models

### Features and benefits

Intuitive user interface

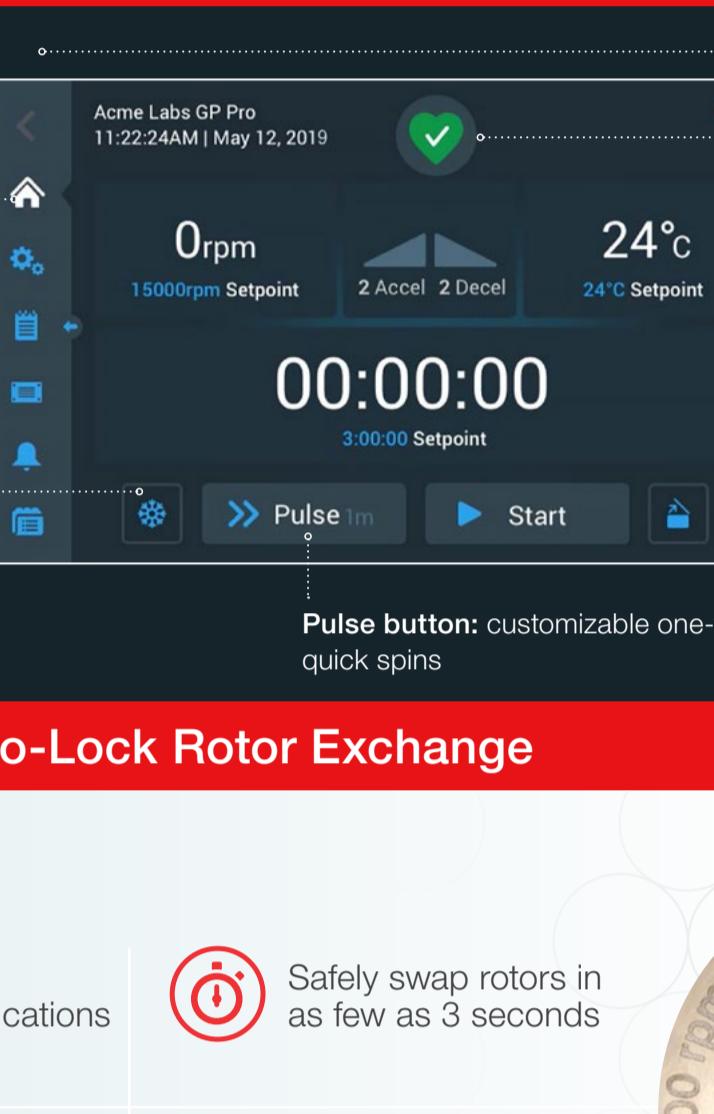


Thermo Scientific™ Auto-Lock™ Rotor Exchange



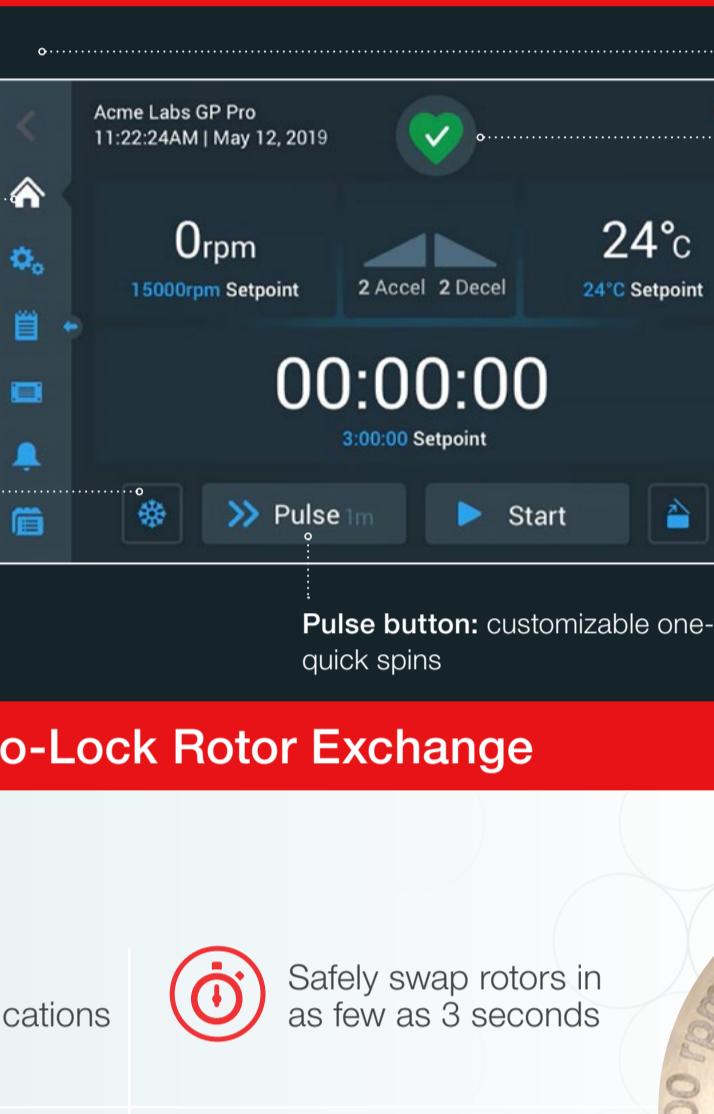
Wide range of rotors for application flexibility

Improved ergonomics and user experience



Thermo Scientific™ GreenCool™ Technology (refrigerated models)

Thermo Scientific™ ClickSeal™ Biocontainment Lids



Optional: Connectivity, sample tracking software  
IVD, general purpose or Cell Therapy Systems (CTS™) Series models

### Full color touchscreen technology

Easy menu access: no more scrolling



Home screen

Centrifuge health: preventative maintenance alerts for less downtime

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

Pulse button: customizable one-touch quick spins

Help menu: virtual manual provides quick solutions

### 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

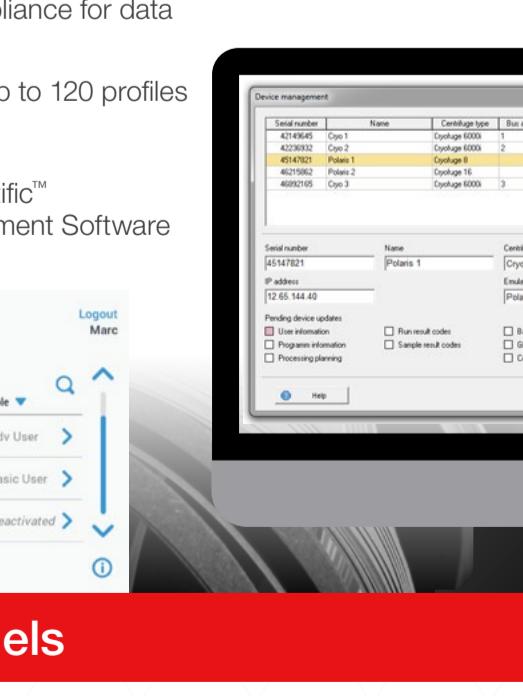
### ClickSeal Biocontainment Lids

Glove friendly

Biocontainment certification\*

One-handed closure

Designed for right- or left-handed operation

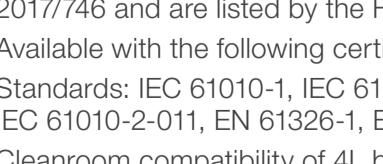


\*Biocontainment certification by Public Health England, Porton Down, UK or TÜV NORD CERT GmbH, Germany.

### 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
- Corrosion- and fatigue-resistant

- Outstanding durability
- Backed by a 15-year limited warranty



### GreenCool technology for refrigerated models

Global Warming Potential From 1,430 to 3

### 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

Up to 6% lower energy consumption<sup>1</sup>

Made in a certified zero-waste facility<sup>1</sup>

### Greener by design™

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

Extended life: End-of-life recycling program in United States<sup>1</sup>

1. Find more information and compare data in the Green Fact Sheet from 2005. <https://documents.thermofisher.com/TFS-Asets/LPD/Reference-Materials/x-and-s-series-centrifuges-green-fact-sheet.pdf>

Learn more at [thermofisher.com/xcentrifuge](http://thermofisher.com/xcentrifuge)

The intended use of the products mentioned in this brochure varies. Please refer to the product label.

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 13485.

• Cleanroom compatibility of 4 L benchtop models: Class ISO 6 according to DIN EN ISO 14644-1.

• 4 L models available with extensive documentation package.

• Compliance services support Good Manufacturing Practice needs.

Thermo Scientific™ X Centrifuge CTS™ Series

• 4 L models available with extensive documentation package.

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