Thermo Fisher SCIENTIFIC

Centrifuge rotors

How does Auto-Lock rotor exchange facilitate rotor placement and improve safety, compared with traditional rotor tie-down systems?

In only 3 seconds, with just the push of a button, Thermo Scientific™ Auto-Lock™ Rotor Exchange allows you to install and remove rotors on select[1] Thermo Scientific™ Superspeed, General Purpose or Compact Centrifuges. With Auto-Lock rotor exchange, you can have the confidence that your rotor is safely and securely locked in place, and have the flexibility to change rotors and applications quickly.

Highlighting innovative design features and useful application information for Thermo Scientific centrifuges and rotors

Unlike traditional rotor tie-down systems, with push-button Auto-Lock rotor exchange, rotors no longer need to be bolted onto a centrifuge motor shaft. As a result:

1. No tools are required
2. No complicated rotor changing procedure is necessary
3. Swap between protocols instantly for application flexibility
4. Clear chamber access in only seconds for quick and efficient cleaning

[1] Auto-Lock technology is available with the following Thermo Scientific centrifuge series:

Superspeed	General Purpose	Compact
• LYNX™ 6000 • LYNX 4000	• X and S Series (X4T, X4F, S4T, S4F) • SL1 Plus, Megafuge™ ST1 Plus, Sorvall ST1 Plus • Multifuge™ X1 Pro Sorvall X1 Pro	• Sorvall ST 8 • Megafuge 8 • SL 8

Rotors featuring Auto-Lock technology are not interchangeable between platforms.

Auto-Lock rotor exchange is identified on Thermo Scientific superspeed centrifuges with a black push button and on Thermo Scientific general purpose and compact centrifuges with a green push button.

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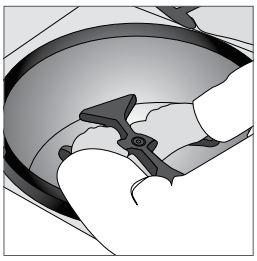
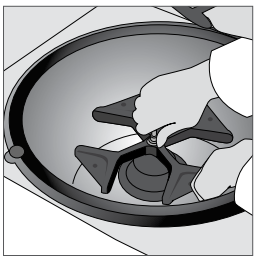
Why

In today's busy laboratories, safe and efficient sample processing is essential to getting answers fast

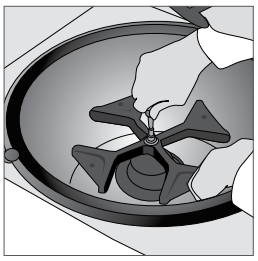
Traditional rotor placement



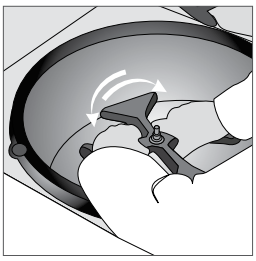
1. Place rotor



2. Manually tighten



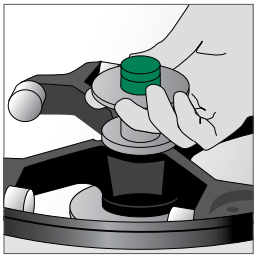
3. Secure with tool



4. Confirm locked down

Reverse ALL steps to remove rotor

Auto-Lock rotor exchange



Push center button to remove rotor

1. Place rotor with confidence that it is securely locked and will not loosen during a run

Push-button security and application flexibility

In a shared laboratory setting with multiple users and a variety of processing requirements, or where bench space is at a premium, Auto-Lock rotor exchange helps provide the flexibility to quickly swap between your sample preparation protocols. The easy and reliable push-button Auto-Lock rotor exchange system replaces the need for tools to bolt down the rotor, shortening run set-up time. Also, as the rotor automatically and securely locks itself to the centrifuge, the need for hand-tightening is eliminated, helping improve safety and confidence that the rotor will not loosen during a run.

Routine cleaning made easy

Centrifuge chambers can harbor microscopic contamination from the environment and from spilled samples. To help ensure a healthy working environment and prevent contamination, laboratories require that the centrifuge chamber is cleaned and disinfected regularly. Auto-Lock rotor exchange allows removal of the rotor in only 3 seconds, providing quick and easy access to the centrifuge chamber for the routine cleaning. And once cleaned, the rotor can be securely locked in place again in only 3 seconds.

Summary

Thermo Scientific Auto-Lock rotor exchange delivers secure, trouble-free rotor installation and removal, easy routine cleaning for safe sample processing and 3-second rotor exchange to help simplify performance and evolve with the changing needs of your laboratory.

Find out more at **thermofisher.com/centrifuges**