IN THE LOOP

Everything You Need to Know Before Purchasing Lab Ovens

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A **laboratory oven** is used for high-volume thermal convection applications. Most ovens are designed with a forced-convection ventilation system to provide uniform temperature throughout the chamber necessary for annealing, drying, sterilizing, and other industrial lab functions.

FACTORS YOU SHOULD CONSIDER WHEN PURCHASING LAB OVENS

- Performance
- Convection design
- Temperature range
- Protection system
- Accessory inclusions
- Ergonomics
- User-friendly control system
- Energy-efficiency
- Durability
- Warranty period
- After-sales service

TYPICAL QUESTIONS YOU SHOULD ASK

- How much capacity do you need? Do you have enough space in the lab?
- What is the temperature range and desired set point?
- What is the operational ambient requirement?
- What is your application?
- What convection system do you need for your application?
- What is the degree of temperature uniformity needed?
- How long is the warranty period?
- Is the equipment energy-efficient that can help lower operational costs?
- How much is the installation cost?
- Will the unit fit in the hallways, doors, elevators before installation?

WHY YOU NEED A NEW ONE

- Setting up a new laboratory facility.
- Replacing an old and less efficient unit that has high operating costs.
- Defective lab oven due to electronics or mechanical malfunctions.
- The equipment failed the certification and not safe to use anymore.
- Additional unit due to an increase in laboratory workload.

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ESCO PROVIDES A LABORATORY OVEN BUILT WITH RELIABLE PERFORMANCE AND STANDARDS.

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