



- **Temperature Control:**

The incubator precisely regulates temperature, creating optimal conditions for the growth of cultures.

- **Environmental Control:**

It can also control humidity, CO₂, and oxygen levels, further tailoring the environment to specific needs.

- **Versatility:**

Universal incubators are designed to accommodate various types and sizes of cultures, including different flasks and containers.

- **Applications:**

They are essential for cell culture, bacterial cultivation, and molecular biology experiments.

- **Safety Features:**

Many models include safety features such as over-temperature cut-off and self-diagnosis functions.

- **Shaking Incubators:**

Some universal incubators also incorporate shaking functionality, providing orbital or reciprocal motion to enhance mixing and aeration during incubation.

Specific Examples:

- **Labtech shaking incubator:**

This model features orbital shaking with adjustable speed, precise temperature control, and a transparent door for observation.

- **Labtech universal bacteriological incubator:**

This type of incubator is designed for culturing bacteria and other microorganisms, with features like adjustable shelves and temperature ranges suitable for various bacteriological applications.