

Bacteriological Incubator



A bacteriological incubator is a laboratory device used to grow and maintain bacterial cultures or other microorganisms under controlled environmental conditions. It provides a stable temperature, humidity, and sometimes CO₂ levels to support optimal microbial growth. Here's a brief introduction:

Key Features:

1. Temperature Control:
 - Maintains a consistent temperature, typically ranging from 5°C to 70°C, depending on the application.
 - Equipped with a thermostat or digital controller for precise regulation.
2. Applications:
 - Culturing bacteria, yeast, and other microorganisms.
 - Used in microbiology, medical labs, and research for experiments like antibiotic sensitivity testing, cell culture, and sample incubation.
3. Design:
 - Insulated chamber made of stainless steel for easy cleaning and corrosion resistance.
 - Shelves or racks to hold petri dishes, test tubes, or culture plates.