

# ILLUMINATING CLIMATE CHAMBER LTCHM8-3



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Used in Supports plant and insect growth, tissue cultivation, antibiotic cultivation and preservation and other controlled temperature experiments..

Also known as Humidity Chamber, Laboratory Climatic Chamber.

## LTCHM8-3 ILLUMINATING CLIMATE CHAMBER

Programmable microcomputer based PID controller with LCD display

Unique air circulation system ensures temperature uniformity

Mirror finished stainless steel inner chamber and cold-rolling steel with static spray plastics exterior

Double door design with built-in tempered glass viewing window

Built in high capacity intelligent humidification system

Automatic water replenishment by external tank

3-side illumination can be adjusted in five steps

Durable refrigeration system with small temperature fluctuation, auto defrosting and multiple layers security

Environment efficient, energy-saving Fluorine-free Refrigerant R134

Timer and over temperature alarm function



## SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Model                   | LTCHM8-3                               |
| Capacity                | 350 L                                  |
| Temperature Range       | 5-50°C (Light off), 10-50°C (Light on) |
| Temperature Accuracy    | ±0.5°C                                 |
| Temperature Uniformity  | ±2°C                                   |
| Temperature Fluctuation | ±2°C                                   |
| Temperature Resolution  | 0.1°C                                  |
| Temperature Sensor      | Pt 100Ω                                |
| Illumination Range      | 0-15000 lux                            |
| Timer Range             | 0-99h                                  |
| Control Steps           | 5 Steps                                |
| Shelves                 | 2                                      |
| Load per Shelf          | 10 kg                                  |
| Inner Dimension         | 1200x550x550 mm                        |
| Overall Dimension       | 1700x750x700 mm                        |
| Weight (Net/Gross)      | 188/220 kg                             |
| Power                   | 1200 W                                 |
| Power Supply            | 220V, 50Hz                             |



**Labtare Analytical Instruments**

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