Haier Biomedical
Intelligent Protection of Life Science

i+MED LABORATORIES

# Standard Incubator

HFP-168E
HZP-80E

Broad Temperature Range

4-inch Display Screen

Ergonomic Design

## Scope of Application

Widely used for bacteria, fungi and microorganism cell culture as well as enzyme digestion reaction, ligation reaction, embedded incubation and other related constant temperature experiments

## Innovative Design

- 100°C decontamination
- Precise temperature control
- Rapid temperature recovery after door opening


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## Product Advantages

### Multiple Security Protection

Multiple protection systems such as overheating, overcurrent, and independent temperature limiting; overtemperature, high and low temperature and other smart alarms for safety

### Ergonomic Design

Efficient utilization of interior with flexible shelf system

### 4-inch Display Screen

The real-time display of the set temperature and running temperature makes the operation more convenient

### 100°C Decontamination

The disinfection routine at 100 °C minimizes the risk of contamination

### High Thermal Insulation Performance

Superior insulation that improves chamber stability and reduces heat load output to the laboratory and operating power consumption, that lowers operating costs

### Smart IoT Module (optional)

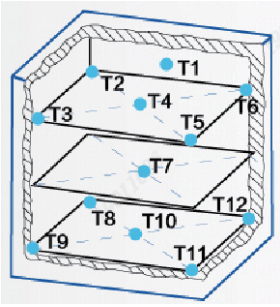
Through the mobile app, the status of the incubator can be checked in real-time

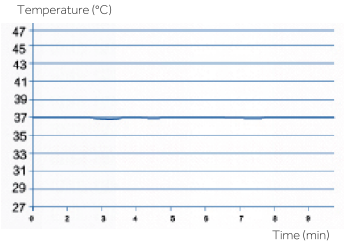
### Broad Temperature Range

Temperatures from 5°C above ambient up to 105°C

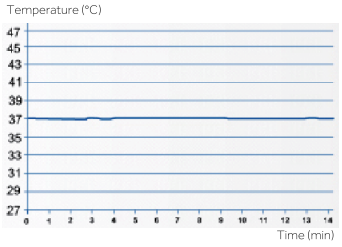
## Precise Temperature Control

Vaildated through ASTM standard 12 points temperature detection method, the incubator can achieve high-precision temperature control with a temperature fluctuation of only ± 0.1°C




Temperature fluctuations±0.1°C
(HZP-80E)




Temperature fluctuations ±0.1°C
(HFP-168E)

## Specifications

| Model | Capacity (L) | Temperature Setting Range (°C) | Temperature Control Precision (°C) | Temperature Uniformity | Temperature Fluctuation (°C) | Recovery Time after 30 sec Door Opening (min) |
|---|---|---|---|---|---|---|
| HFP-168E | 168 | RT+5~105 | ±0.1 | ±0.3 (°C) at 37 (°C) | ±0.1 | 3 |
| HZP-80E | 80 | RT+5~105 | ±0.1 | ±0.5 (°C) at 37 (°C) | ±0.1 | 2.5 |

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