

**Ecrotek Queen Cell Incubator User Manual  
Large 288 Cell Incubator**



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Please read all operating instruction and safety literature before operating this machine.

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## Safety Notices

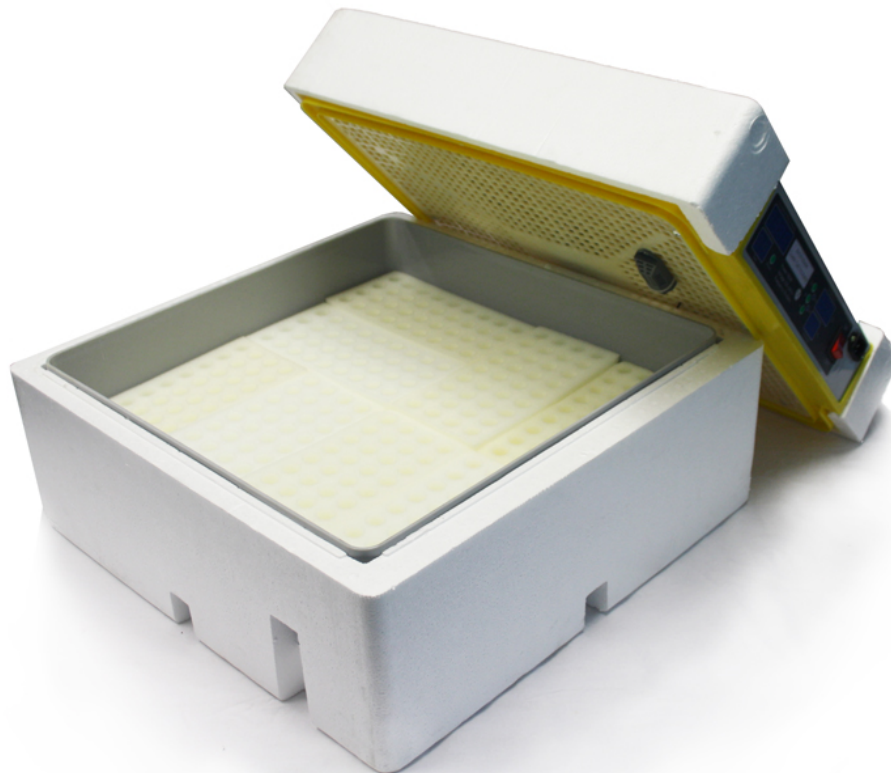
1. Only use the supplied power cable. Electrical input range 160 Watt, 220 – 240 Voltage, 50-60 Hz.
2. Do not cover the incubator or air circulation holes while in use
3. Ensure the incubator and all cords are safely placed to avoid tripping
4. If the incubator is making abnormal noises or smells disconnect the power supply and contact the manufacturer for service.
5. Do not operate the incubator with wet hands or equipment
6. Take care when filling the water chamber to avoid electrical shock and shortage
7. Turn off and unplug the incubator before cleaning

## Operating Environment

1. This queen cell incubator is designed for indoor use only. Do not operate in wet or windy conditions.
2. The insulating polystyrene shell should be used when the ambient temperature is below 28 °C

## What's in The Box

- 1x Queen cell incubator
- 1x Power cord
- 8x Foam inserts
- 1x Accessory Kit (spare fuse, vent covers, reservoir filling bottle)



## Incubation Technology

### 1. Temperature Control

Queen honey bee cells are best kept at 34°C. This is the pre-set target temperature of this incubator.

Before use, allow the incubator to warm and reach a stable temperature, this will take approximately 15 minutes.

### 2. Humidity Control

Humidity can be controlled by adding fresh water to reservoir in the base of the incubator. The humidity alarm is turned off by default. Adjust water as needed to maintain desired humidity range.

### 3. Altering Target and Alarm Parameters

Hold the SET button > scroll using the +/- buttons and select parameter to adjust > press SET > adjust the parameter using the +/- buttons > press SET

## Operating Instructions

1. Check the incubator and power cord for damage before operating
2. Plug the power cord into the machine and turn the power switch to ON
3. The main display will show current temperature and humidity. The machine will begin heating to reach an operating temperature of 34°C.
4. Add water to the humidity reservoir is needed.
5. Allow the machine to warm and reach a stable temperature before inserting your queen cells

**Note:** To silence the temperature alarm, press any key.

## Parameter Menu Codes

Symbol	Instruction	Default setting	Unit
LS	Low temperature Alarm	33	°C
HS	High temperature alarm	35	°C
CA	Temperature correction range	+/- 0.7	°C
AS	Humidity Alarm (minimum)	1	%
HU	Heating power parameter	-	Do not alter
HD	Heating power parameter	-	Do not alter