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Sanpyl Sanpyl0zupcb81gt-12

Sanpyl Mini Digital Egg Incubator

MODEL: SANPYL0ZUPCB81GT-12 (AUTO TURNING)

Introduction

Thank you for choosing the Sanpyl Mini Digital Egg Incubator. This device is designed to provide a stable and controlled environment for hatching various types of poultry eggs, including chicken, duck, and pigeon eggs. Featuring automatic temperature control and an auto-turning mechanism, this incubator simplifies the hatching process, making it suitable for both beginners and experienced users. Please read this manual thoroughly before operation to ensure proper use and optimal hatching results.

Safety Instructions

- Always place the incubator on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations.
- Ensure the power supply matches the specifications (DC5V, 7W) and use the provided USB cable.
- Do not immerse the incubator in water or other liquids.
- Keep out of reach of children and pets during operation.
- Unplug the incubator from the power source before cleaning or maintenance.
- Avoid opening the lid frequently during incubation to maintain stable temperature and humidity.

Package Contents

Verify that all items are present in the package:

- Sanpyl Mini Digital Egg Incubator (Main Unit)
- USB Power Cable
- Water Spray Bottle
- Water Filling Bottle
- Insulation Foam (Pre-installed or separate)



Image: The Sanpil Mini Digital Egg Incubator shown with its included accessories: a USB cable, a water spray bottle, and a water filling bottle.

Product Overview

The Sanpil Mini Digital Egg Incubator features a compact design with essential functions for successful hatching.

- **Transparent Lid:** Allows for clear observation of the incubation process without opening the unit.
- **Digital Display:** Shows real-time temperature readings.
- **Automatic Temperature Control:** Maintains a stable internal temperature for optimal hatching conditions.
- **Automatic Egg Turning:** Gently rotates eggs at regular intervals to ensure even heating and development.
- **LED Egg Candler:** Built-in light for checking egg development.
- **USB Power Supply:** Convenient and flexible power options (DC5V).

High transparent cover for easy observation

ABS high transparent cover, easy to observe the development of eggs in real time, through the development of eggs, shell, growth process, so that children personally feel the power of life



Image: A close-up of the Sanpil Mini Digital Egg Incubator, highlighting its transparent dome lid and the digital display panel showing temperature and control buttons.

With Insulation foam

Encrypted foam insulation, display hollow design, insulation and easy to observe at the same time



Auto Temperature Control

Built-in temperature probe, real-time transmission to the controller, automatic temperature control is more convenient

Image: A diagram illustrating the internal insulation foam and the automatic temperature control system of the incubator, showing heat distribution.

Setup

- 1. Unpack:** Carefully remove all components from the packaging.
- 2. Placement:** Choose a suitable location as described in the Safety Instructions.
- 3. Power Connection:** Connect the USB cable to the incubator and a compatible DC5V power source (e.g., USB adapter, power bank, computer USB port). The digital display will light up.
- 4. Add Water:** Use the provided water filling bottle to add a small amount of water to the water channels at the bottom of the incubator. Do not overfill. This helps maintain humidity.
- 5. Pre-heat:** Allow the incubator to run for at least 20-30 minutes to stabilize the internal temperature before placing eggs. The display will show the current temperature.

Operating Instructions

1. Egg Selection and Placement

Select fresh, fertile eggs that are clean and free from cracks. Place the eggs gently into the rotating egg tray. Ensure they are positioned correctly for the auto-turning mechanism.



Image: The yellow rotating egg tray of the incubator, holding various sizes and colors of eggs, demonstrating its versatility for different poultry types.

2. Automatic Temperature Control

The incubator is equipped with an intelligent temperature control system that automatically maintains the optimal temperature for hatching. The digital display shows the current internal temperature. No manual adjustment is typically required for standard operation.

3. Automatic Egg Turning

This model features an automatic egg turning function. The eggs will be gently rotated at set intervals to prevent the embryo from sticking to the shell and to ensure uniform heating. This process is crucial for healthy embryo development.



Manual/Auto Egg Turning

We have both manual and automatic egg turning products for you to choose from

Image: A split view of the incubator, illustrating the automatic egg turning mechanism on one side and the use of the LED egg candling light to observe embryo development on the other.

4. Humidity Management (Water Spraying)

Maintaining proper humidity is vital. Check the water levels in the channels regularly and refill as needed. Towards the end of the incubation period, specifically three days before the expected hatch date, it is recommended to spray a moderate amount of lukewarm water onto the eggs daily using the provided spray bottle. This helps soften the eggshells, making it easier for chicks to emerge.



Spray the right amount of water every day, the chick out of the shell without effort

In the later stage of incubation, three days before the shell, it is recommended to spray an appropriate amount of warm water every day to help the eggshell soften, so that the chicks can smoothly emerge from the shell.

Image: The incubator with a chick emerging from an eggshell in the background, and text emphasizing the importance of spraying water daily in the final days of incubation.



Image: A hand using a spray bottle to mist water into the incubator, demonstrating the recommended method for humidity management during the hatching phase.

5. Egg Candling (LED Egg Light)

The incubator includes a built-in LED egg candler. Press the light button on the control panel to activate it. This allows you to observe the development of the embryo inside the egg without disturbing the incubation environment. Candling can help identify infertile eggs or those with arrested development.

6. Hatching Process

The incubation period varies by species (e.g., chickens typically hatch around 21 days). During the final days, avoid opening the incubator as much as possible to maintain stable humidity. Once chicks begin to hatch, allow them to dry and fluff up inside the incubator for a few hours before transferring them to a brooder.

Maintenance

- Cleaning:** After each hatch, unplug the incubator and allow it to cool. Wipe down all surfaces with a damp cloth and a mild disinfectant. Ensure all parts are completely dry before storage or next use.
- Storage:** Store the incubator in a clean, dry place away from direct sunlight and extreme temperatures.
- Avoid Harsh Chemicals:** Do not use abrasive cleaners or solvents, as these can damage the plastic components.

Troubleshooting

Problem	Possible Cause	Solution
Incubator not powering on	Loose power connection, faulty USB cable/adapter	Check USB cable connection. Try a different USB port or power adapter.
Temperature display is incorrect	Sensor issue, external temperature fluctuations	Ensure incubator is in a stable environment. Contact support if issue persists.
Eggs not turning	Obstruction, motor issue	Check for any obstructions in the egg turning mechanism. Ensure eggs are placed correctly.
Low humidity	Insufficient water in channels, lid not sealed properly	Add more water to the channels. Ensure the lid is securely closed.
Poor hatch rate	Infertile eggs, incorrect temperature/humidity, frequent lid opening	Ensure eggs are fertile and stored correctly. Verify stable environmental conditions. Avoid opening the lid unnecessarily.

Specifications

- Model:** Sanpyl0zupcb81gt-12
- Power Supply:** DC5V
- Power Consumption:** 7W
- Dimensions:** Approximately 6.89 x 6.81 x 6.81 inches (17.5 x 17.3 x 17.3 cm)
- Item Weight:** 15.5 ounces (439 grams)

- **Egg Capacity:** Varies by egg size (e.g., typically 6-9 chicken eggs)
- **Temperature Control:** Automatic
- **Egg Turning:** Automatic



Image: The Sanpil Mini Digital Egg Incubator with measurements indicating its height (180mm/7.1in) and width (137mm/5.4in).

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Sanpil website. Keep your purchase receipt as proof of purchase.

