

WiITec 51269

WiITec Automatic 8-Egg Incubator Instruction Manual

Model: 51269

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your WiITec Automatic 8-Egg Incubator. Designed for small-scale incubation, this unit features precise electronic temperature control and an automatic egg-turning mechanism to ensure optimal hatching conditions. Please read this manual thoroughly before first use to achieve successful incubation results.

The incubator is suitable for various poultry eggs, such as chicken, quail, and duck eggs, as well as reptile eggs. Always verify egg size and required incubation temperatures for specific species.



Image: The WiTec Automatic 8-Egg Incubator, fully assembled and ready for use. It features a clear top cover and a compact design.

SAFETY INSTRUCTIONS

- Always place the incubator on a stable, level surface away from direct sunlight, drafts, and extreme temperature fluctuations.
- Ensure the power supply matches the voltage requirements specified on the device.
- Do not immerse the incubator or its electrical components in water or any other liquid.
- Keep the incubator out of reach of children and pets.
- Unplug the unit from the power outlet before cleaning or performing any maintenance.
- Do not operate the incubator if the power cord or plug is damaged. Contact customer support for assistance.
- Use the polystyrene transport protection as additional thermal insulation during operation, if desired.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- WilTec Automatic 8-Egg Incubator unit
- Power cable
- Polystyrene protective packaging (can be used for insulation)
- Instruction Manual (this document)



Image: The incubator's main components, including the base with the egg turning mechanism, the transparent cover, and the power cord.



Image: The incubator housed within its protective polystyrene packaging, which can also serve as additional insulation.

SETUP

1. **Unpack the Incubator:** Carefully remove all components from the packaging. Retain the polystyrene packaging for potential use as additional insulation.
2. **Placement:** Position the incubator on a flat, stable surface in a room with a consistent ambient temperature, away from direct sunlight, drafts, and heat sources.
3. **Fill Water Reservoir:** Locate the water reservoir at the bottom of the incubator. Fill it with distilled or demineralized water to the appropriate level. This helps regulate humidity. Avoid overfilling.
4. **Connect Power:** Plug the power cable into the incubator and then into a suitable electrical outlet. The display should illuminate.
5. **Pre-heating:** Allow the incubator to run for at least 2-3 hours before placing eggs inside. This stabilizes the internal temperature and humidity.

OPERATING INSTRUCTIONS

Control Panel Overview



Image: The digital control panel displaying temperature and humidity, along with 'Set', '+', and '-' buttons and LED indicators for 'Work' and 'Set'.

The incubator features a dual display for temperature and humidity, along with LED indicators and control buttons.

- **Temperature Display:** Shows the current internal temperature in Celsius.
- **Humidity Display:** Shows the current internal humidity percentage.
- **"Work" LED:** Illuminates when the heating element is active.
- **"Set" LED:** Illuminates when in temperature setting mode.
- **Buttons:** "Set" button to enter setting mode, "+" and "-" buttons to adjust values.

Setting Temperature

1. Press the "Set" button once. The "Set" LED will light up, and the temperature display will flash.
2. Use the "+" and "-" buttons to adjust the desired incubation temperature (range: 25°C to 39.5°C). Refer to species-specific incubation charts for optimal temperatures.
3. Press the "Set" button again to confirm the setting and exit setting mode. The display will stop flashing.

Automatic Egg Turning

The incubator is equipped with an automatic egg-turning mechanism that simulates natural turning by a hen. This prevents the embryo from sticking to the eggshell, which is crucial for successful hatching.

- The egg turning system operates automatically at regular intervals.
- **Important:** Approximately 3-4 days before the expected hatch date, the automatic turning system must be switched off. This allows the chicks to position themselves correctly for hatching. Consult an incubation calendar for specific timing.

Humidity Regulation

Humidity is regulated by the water in the reservoir at the bottom of the unit. Periodically check the water level and refill as needed with distilled or demineralized water. The humidity display provides a real-time reading.

Placing Eggs

Once the incubator has reached the desired stable temperature and humidity, carefully place the eggs into the designated slots in the turning mechanism. Ensure eggs are clean and fertile.

MAINTENANCE

- **Cleaning:** After each incubation cycle, unplug the incubator and allow it to cool. Clean all internal surfaces with a mild disinfectant solution and a soft cloth. Ensure all parts are completely dry before storage or next use.
- **Water Reservoir:** Regularly clean the water reservoir to prevent algae or bacterial growth.
- **Storage:** Store the incubator in a clean, dry place, preferably in its original packaging, when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Temperature display inaccurate or fluctuating.	Incubator not pre-heated long enough. Ambient room temperature too unstable. Sensor malfunction.	Allow 2-3 hours for pre-heating and stabilization. Move incubator to a room with stable temperature. Verify temperature with an external calibrated thermometer. If significant discrepancy persists, contact customer support.
Eggs not turning.	Turning mechanism switched off. Motor malfunction.	Ensure the turning function is active (it should be automatic unless manually disabled). Check for obstructions. If still not turning, contact customer support.
Humidity too low/high.	Insufficient/excessive water in reservoir. Room humidity too low/high.	Adjust water level in the reservoir. Consider using a room humidifier/dehumidifier if ambient conditions are extreme.

Problem	Possible Cause	Solution
Display shows error codes not in manual.	Internal system error.	Unplug the unit for 5 minutes, then plug it back in. If the error persists, contact WilTec customer support.

SPECIFICATIONS

- **Model Number:** 51269
- **Capacity:** Up to 8 eggs (depending on size)
- **Temperature Range:** 25°C to 39.5°C (adjustable)
- **Temperature Control:** Automatic
- **Egg Turning:** Automatic
- **Humidity Control:** Manual (via water reservoir)
- **Display:** Dual LED for Temperature and Humidity
- **Fan:** Integrated for air circulation
- **Dimensions (L x W x H):** Approximately 32 x 32 x 30 cm
- **Weight:** Approximately 1.5 kg

WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact WilTec customer service. Keep your purchase receipt as proof of purchase.

You can find contact information on the official WilTec website or through your retailer.

WilTec Website: www.wiltec.de (Example link, actual link might vary by region)