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WilTec Automatic Incubator 56 Egg Tray Spare Part Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation and maintenance of the WilTec Automatic Incubator 56 Egg Tray Spare Part, model number 51186-01. This tray is designed to hold up to 56 chicken or quail eggs and is a direct replacement for compatible WilTec automatic incubators. Please read these instructions carefully before proceeding with installation or use to ensure proper function and longevity of the product.

PRODUCT OVERVIEW

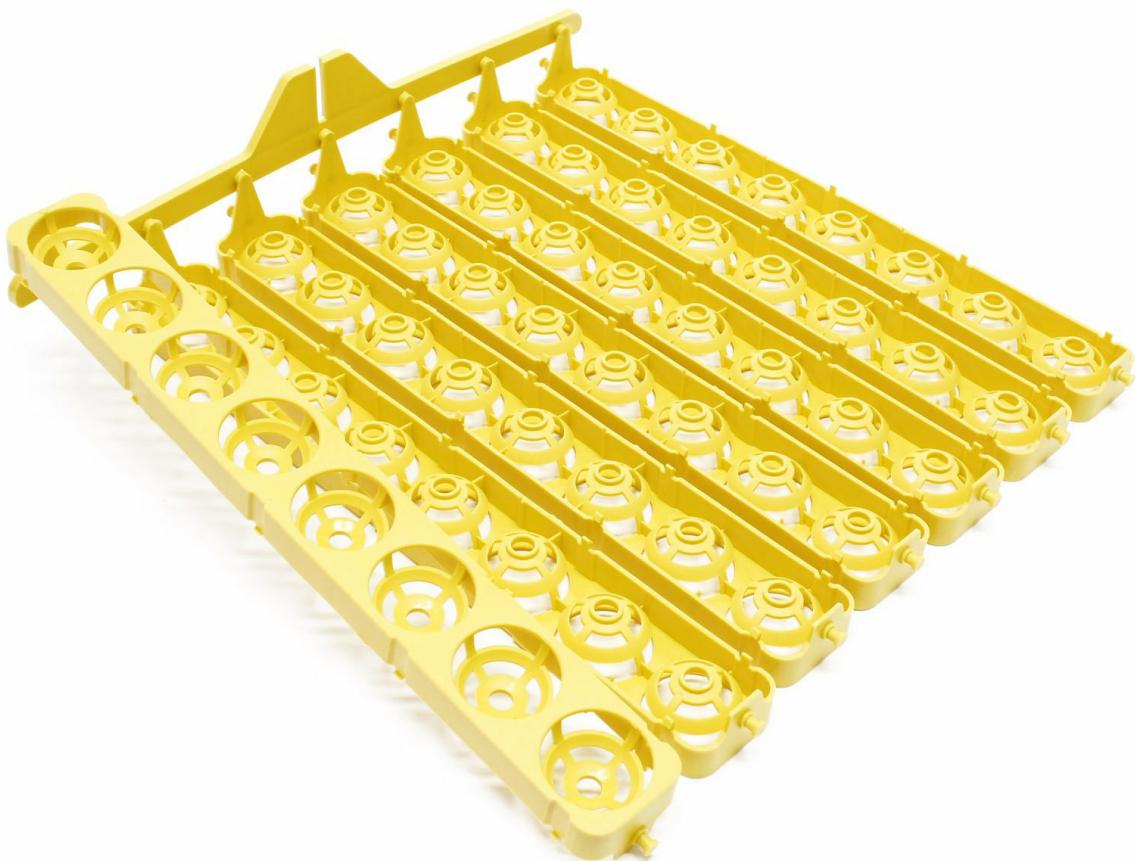


Image 1: The WilTec Automatic Incubator 56 Egg Tray Spare Part. This image shows the plastic egg tray designed to hold 56 eggs, featuring individual compartments and a mechanism for automatic turning.

The 56-egg tray is a crucial component for automatic egg turning within your WilTec incubator. It ensures consistent rotation of eggs, which is vital for successful embryonic development. This spare part is identical to the original tray supplied with your incubator.

SETUP AND INSTALLATION

Follow these steps to correctly install the 56-egg tray into your automatic incubator:

- 1. Power Off:** Ensure the incubator is completely unplugged from the power source before beginning any installation or maintenance.
- 2. Open Incubator:** Carefully open the incubator lid or access panel according to your specific incubator model's instructions.
- 3. Remove Old Tray (if applicable):** If replacing an existing tray, gently lift and remove the old egg tray from its position. Note how it connects to the turning mechanism.
- 4. Insert New Tray:** Place the new 56-egg tray into the incubator. Ensure it sits securely on the designated supports.
- 5. Connect Turning Mechanism:** Carefully align the tray's turning rod or connection points with the

incubator's automatic turning motor mechanism. It should fit snugly without excessive force. Refer to your incubator's main manual for specific connection details.

6. **Close Incubator:** Securely close the incubator lid or access panel.
7. **Power On and Test:** Plug the incubator back into the power source. Observe the tray for a few turning cycles to confirm it is rotating smoothly and correctly.

Note: Incorrect installation may prevent proper egg turning, leading to poor hatching results. If you encounter resistance, do not force the tray. Re-check alignment.

OPERATION

Once installed, the 56-egg tray operates in conjunction with your automatic incubator's turning motor. Its primary function is to gently rotate the eggs at regular intervals, preventing the embryo from sticking to the shell membrane and promoting even development.

- **Egg Placement:** Place clean, fertile eggs into each compartment of the tray. Ensure eggs are placed with the larger, blunt end slightly elevated, if possible, as this is generally recommended for incubation.
- **Automatic Turning:** The incubator's control unit will activate the turning motor, which in turn rotates the egg tray. This process is fully automatic and requires no manual intervention once set up.
- **Monitoring:** Periodically observe the tray during operation to ensure all eggs are turning correctly. If any eggs are not turning, check for obstructions or issues with the turning mechanism.

MAINTENANCE

Regular cleaning and maintenance of the egg tray are essential for hygiene and optimal hatching results.

- **Cleaning After Each Hatch:** After each incubation cycle, remove the egg tray from the incubator.
- **Washing:** Wash the tray thoroughly with warm water and a mild disinfectant or soap. Ensure all egg residue, dust, and debris are removed from the compartments and turning mechanism.
- **Rinsing:** Rinse the tray completely to remove all soap or disinfectant residue.
- **Drying:** Allow the tray to air dry completely before storing or re-installing it in the incubator. Ensure no moisture remains, as this can promote bacterial growth.
- **Inspection:** Periodically inspect the tray for any signs of wear, cracks, or damage. Replace the tray if significant damage is observed to prevent issues during incubation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tray not turning	<ul style="list-style-type: none">• Incorrect installation/connection to motor• Obstruction preventing movement• Incubator turning motor malfunction	<ul style="list-style-type: none">• Check that the tray is correctly seated and connected to the turning mechanism.• Remove any debris or eggs that might be blocking the tray's movement.• Consult your incubator's main manual for troubleshooting the turning motor.

Problem	Possible Cause	Solution
Eggs not turning evenly	<ul style="list-style-type: none"> • Tray not level • Damaged tray compartments 	<ul style="list-style-type: none"> • Ensure the incubator itself is on a level surface. • Inspect the tray for any broken or warped compartments. Replace if damaged.

SPECIFICATIONS

- **Model Number:** 51186-01
- **Capacity:** 56 eggs (suitable for chicken and quail eggs)
- **Dimensions:** Approximately 39.5 x 40.01 x 9.5 cm (15.55 x 15.75 x 3.74 inches)
- **Weight:** Approximately 400 g (0.88 lbs)
- **Material:** Durable plastic
- **Compatibility:** Designed as a spare part for specific WilTec automatic incubators. Refer to your incubator's manual for compatibility.

WARRANTY AND SUPPORT

For information regarding warranty coverage for this spare part, please refer to the original purchase documentation or contact WilTec customer support directly. If you require assistance with installation, troubleshooting, or have any questions about your WilTec product, please contact us. Our team is available to provide support.

Manufacturer: WilTec

Contact: Please visit the official WilTec website or refer to your incubator's main manual for contact details.