

# Manual

## Automatic Incubator

### Article 50036



Vor Inbetriebnahme Bedienungsanleitung und Sicherheitshinweise lesen und beachten  
Read and follow the operating instructions and safety information before using for the first time.  
Avant la mise en service, lisez le mode d'emploi et les consignes de sécurité et respectez-les.

Technische Änderungen vorbehalten!

Durch stetige Weiterentwicklungen können Abbildungen, Funktionsschritte und technische Daten geringfügig abweichen.

Aktualisierung der Dokumentation

Haben Sie Vorschläge zur Verbesserung oder haben Sie Unregelmäßigkeiten festgestellt, nehmen Sie bitte Kontakt mit uns auf.

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Although Wiltec Wildanger Technik GmbH has made every effort to make sure that this user manual is complete, accurate and updated, errors cannot always be avoided. In the event of problems with this user manual please complete and send this form back to us.

**FAX-notification** (+++49 2403 55592-15),

**from:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Firm:** \_\_\_\_\_

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**I would like to report the following mistakes:**

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Customer Service Wiltec Wildanger Technik GmbH

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#### **Introduction**

Thank you for purchasing this quality product. **To minimize the risk of injury by means of fire or electric shock we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Always use a grounded power connection with the appropriate mains voltage. You can find the corresponding mains voltage on the type plate. If you have any doubts about the connection being grounded, have it checked by a qualified professional. Never use a faulty electric cable.

Do not inspect the electrical part of the pressure pond filter in a wet or damp environment or when you are wet yourself and protect it from direct sunlight. Install this device in a safe location so that nobody can step on the cable, fall over or damage it. Disconnect the power plug before cleaning it and use only a damp cloth for cleaning. Avoid using cleaning agents and make sure that no liquid enters the electrical part of the pump.

The electric part of the device contains no parts that can be inspected or serviced by the user. Leave the maintenance, adjustment and repair to qualified technical personnel. In case of unauthorised intervention the 2-year warranty is no longer valid! Keep these operation instructions safe.

## Sicherheitshinweise



### VORSICHT:

The device is not intended for use by persons (including children) with impaired or limited physical, sensory and mental abilities or lack of experience and/or real knowledge, unless they are supervised by a person responsible for their safety or you follow the instructions made by this person how to use the device correctly.

Children should be supervised to make sure that they do not play with the device.



### ATTENTION:

- Run a visual inspection of the device before every use. Do not use the device if the safety appliances are damaged or worn out. Never override safety regulations.
- Use the device exclusively according to the intended purpose stated in the instructions for use.
- You are responsible for the safety of the working environment.
- If the cable or the plug is damaged due to external influences the cable must not be repaired! It has to be replaced with a new one. This work can be carried out only by an electrician.
- The voltage indicated on the type plate of the device of 230 Volt alternating voltage has to correspond to the existent mains voltage.
- Never lift, carry or fixate the device by using the power cable.
- Avoid exposing the appliance to a direct water jet or rain.
- The user is responsible for the compliance with location specific safety and installing regulations. (Ask an electrician).
- In case of malfunction the repair work can be carried out only by a qualified electrician or the WilTec-service.
- Please do not try to adjust the temperature parameters in the machine when hatching eggs. The parameters are set by the factory. Chicken could be hatch successfully

This incubator is a newly developed small hatch machine with the functions of full automatic egg turning, temperature control etc. It has a beautiful appearance and is easy to use. This machine is equipped with large egg trays, also with dividers applied for small eggs by placing the dividers in the middle of the egg tray. The egg tray has a capacity of holding 20 goose eggs, 34 duck eggs, 39 chicken eggs, 119 pigeon eggs, 129 quail eggs etc.. The machine turns the eggs automatically at very low speed, You will see it moves to different positions obviously after half an hour. it works 24 hours non-stop.

This machine is suitable for small farms and household poultry farming. It has the characteristics of small volume, safe use, long service life, constant temperature to save electricity and automatic egg turning. The machine has precise temperature control. Moreover, it can add water from outside through the water hole at the base, add water by water bottle. You don't have to open the top to add water. The water level can be clearly seen through the bottom hole.

#### I. Operating Steps:

Unpack the box and check the incubator, and check whether all of the accessories inside of the packing box are well-equipped, including top cover, base, egg trays, brooder mesh tray, instruction, power cord,.

1. Before use, open the incubator top, there are removable egg trays, brooder mesh tray, power cords inside the base. In order to prevent damage during the transportation, the base, movable egg tray are tied up, please carefully check it before use.
  2. Take the egg trays and brooder mesh tray etc out of the base, Wash and clean the base, assemble the egg trays and place it on the brooder mesh tray. Please make sure connecting the plug chips on egg tumer motor and the control top well.. Then cover the top
  3. After covering the top, connect the power line and switch on the power supply, it begin to display the temperature on the screen, the heating light (Work) is on and incubator begin to heat up.
  4. Add water to water tank base using water bottle. Please check water from time to time and make sure there is always water in the water tray to keep proper humidity.
  5. Note: when ambient temperature is less than 25 °C , measure shall be taken for heat preservation, it's good for temperature uniformity when the device is enclosed with clothes ,box or other stuff which can keep warm. It also helps for energy-saving and reduces heat dissipation. CA parameters are adjustable. Please don't adjust the parameter in case that you cannot get it. if the temperature display is incorrect, you can use an thermometer to correct the temperature display.
  6. Check all parameters according to Push-button Instruction at IH
  7. Don't turn off the power supply during the hatching unless it has too. Then please turn it on as soon as possible.
  8. Write down the date of incubation and do remember the incubation date.
  9. Pay attention to the temperature indicated on the control panel, adjust it in time if it doesn't comply with requirement.
  10. As long as there is water in the water tank base, the humidity will be suitable for incubation.. It's easy to observe the water level from the transparent bottom wall. Checking the water everyday Do make sure there always has water in the water base.
  11. Alter incubation for 18-19 days (take chicken eggs for example), turn off the electric power, take the egg out off the egg trays carefully and take egg trays out of the incubator, put the eggs on brooder mesh tray, then wait for the chicks breaking the shell and come out.
- For the date of taking eggs out the egg trays and place on the brooder mesh tray. Different breeds has different days period. Usually it is 3~4 days before eggs hatching out or when you discover some of the egg shell begin to break, it is time to move the eggs out of egg trays and place eggs on the brooder mesh. tray. The eggs should not be turned at least in 2 days before its hatching out.

#### H. Important for Safety

1. Only the power supply marked on the incubator can be used; 220-240v for UK and EU countries. 110v for USA, Canada
2. Don't put any goods on the wire, the power line of incubator shall be placed where it won't be stepped on or make people trip and fall;
3. Make sure that the socket and extension line in use don't overload, otherwise, it may cause fire or electric shock;

4. If the incubator is smoking, or sending abnormal smell or unusual noise, please cut off the power supply and pull down the power line to stop the fault, after that, contact the agency or maintenance center;
5. Don't touch the power line with wet hand, or it may cause electric shock;
6. This incubator can't be exposed to rain and sun;
7. Make sure that the power supply is switched off before cleaning the incubator;
8. The incubator shall be placed in room where has good air but no vibratory equipment, and it can't be placed in room with fast air movement or room with harmful and noxious chemicals and other pollutants.
9. During work, the air-bleed hole can be closed during day 1 to day 7, but it can not be closed 15 days later

- 2 -

10. This machine should be placed on a table 60 cm above the ground, which makes it easier to observe the water level and the hatching of the eggs. The machine should be placed on a mat made from cotton or paper, or clothes.

HI. Push-button Instruction:

1. SET button:

A: Push SET button to enter temperature control setting, push <+> or <-> adjusting temperature. push SET button again to exit from setting state.

B: Push SET button for 3 seconds to enter system menu, push <+> or <-> will show different parameters: HU, AL, AH, CA, HS, LS, ID. push SET button to set the parameter on the screen, push <+> or <-> for

adjusting. The settings will be saved 5 seconds later (without pushing any button)

2. <+>: Up button

3. <->: Down button

Operation Instruction:

Indicating lamp state instruction:

WORK lamp on the left side of display screen is made as work indicating lamp, LED normally on means it's in heating state.

SET lamp on the left side of display screen is used for indicating lamp set, LED normally on means it's in setting state.

Function instruction:

•HU, HD

Parameter HU and HD is set by factory, when temperature exceeds setting value in summer, parameter HU and HD shall be drop, when temperature can't rise to setting value in winter, HU and HD shall be increased.

∅ Temperature correction set:

When measuring temperature deviates from reference temperature, temperature correction <CA> function shall be used to make the measuring value in accordance with reference temperature, temperature after correction shall be the sum of temperature before correction and correction value (correction value can be positive number, negative number or zero).

○ Temperature correction set:

For example. If the incubator display is 38 degree. But in fact the temperature inside the incubator is actually 36 degrees.

In this case, it needs to adjust the CA parameter. Push "SET" button for 3 seconds to enter menu, push <+> or <-> until code

"CA" appears on screen, then push "SET" button to set the CA parameter, set it as -2 (minus 2 degree).

∅ Upper and lower limit function:

HS and LS set limits setting range of temperature control, e.g., if HS is set as 39.5 and LS is set as 30, then the temperature

can only be set from 30 to 39.5, so the display value still keeps as -10 after pushing "-" if it displays 30; the display value still

keeps as 39.5 after pushing "+" if it displays 39.5. If setting value is beyond the setting range, then HS and LS must be

changed at first.

○ Upper and lower limit set:

Push "SET" for 3s to enter menu display, push <+> or <-> until code "HS" or "LS" appears on screen, push "SET" to display upper or lower limit setting value, then push <+> or <-> to adjust the parameter. HS means upper limit and LS means lower limit.

OMenu Code Selection:

Code	Description	Setting range	Factory Set	Unit
HU	Heating power parameter	1-90	35	°C
HD	Heat preservation power parameter	1-80	25	°C
LS	Lower limit set	-9,9 ~ HS	30	°C
HS	Upper limit set	LS ~99.0	40	°C
CA	Temperature correction	-5 ~ +5	--	°C

#### N Incubation Technology

1. Incubation temperature control (The default temperature of the incubation process is set 38 as degree. Eggs can be hatched without temperature regulation. )

Different poultry requires different temperatures: incubation period of chicken is 21 days, it's 38.2°C from 1st~6th day,

37.8°C from 7th~14th day, and 37.2~37.5°C from 16th~21st day; incubation period of duck is 28 days, it's 38°C from

1st~7th day, 37.8°C from 8th~15th day, 37.5°C on 16th day, and 37.2°C from 17th ~28th day; incubation period of goose

is 31 days, it's 37.8°C from 1st ~8th day, 37.8°C from 9th ~18th day, 37.8°C on 19th day, and 37.0°C~37.3°C from

20th~31st day.

2. Humidity control: (All needs to be guaranteed is that there is water in the machine. The humidity will be suitable for

hatching without regulation) It requires different relative humidity in different period of incubation. The relative humidity

shall keep within 55%~60% at the earlier stage of incubation to ensure even heating for embryo, which is good for

formation of allantoic fluid and amniotic fluid, the relative humidity shall keep within 30%~55% at the middle stage of

incubation, which is good for evaporation of water, the relative humidity the last stage of incubation shall be increased to

65%~70%, as high relative humidity is good for poult to break the shell, when above 20% of poult comes out, the relative

humidity shall keep at 75%.

VI. Cleaning and sterilization before incubation: wash and clean the incubator, then sulfumigate it with potassium

permanganate and formalin. Simple cleaning is very necessary. Egg shells of the hatching eggs can easily stick to the egg

trays if no cleaning is done.

2. Incubation equipment inspection before incubation: check all of the parts completely and observe whether the fan rotation

device works normally and whether all of the components are in good condition, then adjust the temperature and feed water

to the tank. Make a 12-24 hours' trial again when the incubator reaches temperature and humidity requirement, if the

incubator works normally, it can be put into running.

3. Choose and store fresh egg within 5 days (7 days at most) as feeding egg, as for the egg stored for more than 5 days, 4%

less the incubation rate and 30 minutes prolonged incubation period for one more day storage. The proper temperature for feeding egg storage is 12°C ~ 16°C. The smaller side shall be put upside dining feeding egg storage.

4. Notes for oif-tray period: The process to remove from egg tray bracket to brood tray is called oif-tray, the chick embryo usually removes off the tray at an age of 18-19 days. It shall be placed gently during oH`-tray, it's best to lay to single layer. It also removes to brood tray 3 days earlier than incubation period for other poultry.

## Vorschriften zur Entsorgung

Die EU-Richtlinie über die Entsorgung von Elektro-Altgeräten (WEEE, 2002/96/EC) wurde mit dem Elektro-Gesetz umgesetzt.

Alle von der WEEE betroffenen Wiltec Elektro-Geräte, sind mit dem Symbol einer durchgestrichenen Mülltonne gekennzeichnet worden. Dieses Symbol besagt, dass dieses Gerät nicht über den Hausmüll entsorgt werden darf.

Bei der deutschen Registrierungsstelle EAR hat sich die Firma Wiltec Wildanger Technik GmbH unter der WEEE-Registrierungsnummer DE45283704 registrieren lassen.

Entsorgung von gebrauchten elektrischen und elektronischen Geräten (Anzuwenden in den Ländern der Europäischen Union und anderen europäischen Ländern mit einem separaten Sammelsystem für diese Geräte).

Das Symbol auf dem Produkt oder seiner Verpackung weist darauf hin, dass dieses Produkt nicht als normaler Haushaltsabfall zu behandeln ist, sondern an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden muss.

Durch Ihren Beitrag zum korrekten Entsorgen dieses Produkts schützen Sie die Umwelt und die Gesundheit Ihrer Mitmenschen. Umwelt und Gesundheit werden durch falsches Entsorgen gefährdet.



Materialrecycling hilft den Verbrauch von Rohstoffen zu verringern.

Weitere Informationen über das Recycling dieses Produkts erhalten Sie von Ihrer Gemeinde, den kommunalen Entsorgungsbetrieben oder dem Geschäft, in dem Sie das Produkt gekauft haben.

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Nachdruck, auch auszugsweise, und jegliche kommerzielle Nutzung, auch von Teilen der Anleitung, nur mit schriftlicher Genehmigung, der Wiltec Wildanger Technik GmbH.



**EG-Konformitätserklärung  
(gemäß den Richtlinien 2006/95/EG und 2006/42/EG)**

Hersteller / verantwortliche Person WilTec Wildanger Technik GmbH  
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erklärt, dass das Produkt: Pumpe  
Type: **CTP 2803, 3803, 4803, 5803, 5003, 6003, 7003, 8003**

Verwendungszweck: Pumpen von Wasser in offenen Gewässern und Teichen

bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben gemäß den Richtlinien

**2006/95/EG und 2006/42/EG**

aufgrund seiner Konzipierung und Bauart sowie der von uns in Verkehr gebrachten Ausführung entspricht.

Bei der Bewertung des Produkts hinsichtlich der Anforderung der Richtlinien kamen die folgenden Standards zur Anwendung:

EN 60335-1:2012  
EN 60335-2-41:2003 + A1:2004 + A2:2010  
EN 62233:2008

Bei einer Änderung des Produktes verliert diese Erklärung Ihre Gültigkeit.

Eschweiler, 02. Dezember 2013



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Bernd Wildanger  
Geschäftsführer