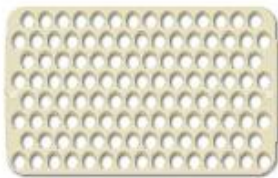# RCOM PRO 50

CREATION OF MOST VALUABLE LIFE BIRTH
EVOLUTION OF DIGITAL INCUBATOR

The Rcom 50 incubator is the first incubator with creditability to have a superior design and function which help in controlling optimum incubation conditions. It has two sensors, one for detecting surrounding environments and the another for internal incubator conditions.

STRONG FUNCTION!

The Greatest Life Creation With Superb Technique.

Smail Egg Tray

Standard Egg Tray

Large Egg Tray

Rcom PRO50
Small tray, Standard tray, Large egg tray included
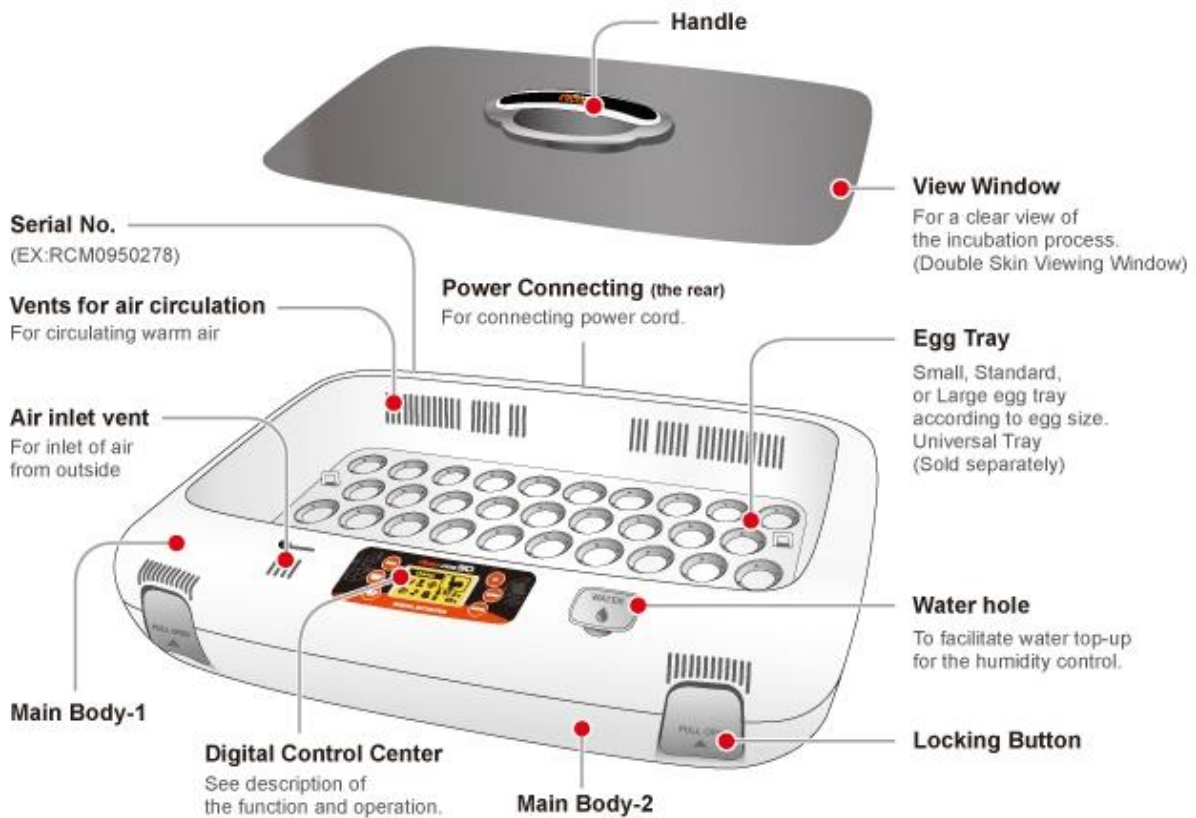(Universal tray for various, Rolling divider sold separately)

Universal tray(Option)

[IDENTIFICATION OF PARTS]

Handle

View Window
For a clear view of
the incubation process.
(Double Skin Viewing Window)

Serial No.
(EX:RCM0950278)

Power Connecting (the rear)
For connecting power cord.

Vents for air circulation
For circulating warm air

Egg Tray
Small, Standard,
or Large egg tray
according to egg size.
Universal Tray
(Sold separately)

Air inlet vent
For inlet of air
from outside

Water hole
To facilitate water top-up
for the humidity control.

Main Body-1

Locking Button

Digital Control Center
See description of
the function and operation.

Main Body-2

[FUNCTIONS OF OPERATION]

Menu button
Select birds incubation termination

Select button
Select auto/manual pass to next stage

Function button
Other function display, return to previous stage

Up button
Temp. & humi. UP
Setting value change

Down button
Temp. & humi. DOWN
Setting value change

Input button
Save input and pass to next
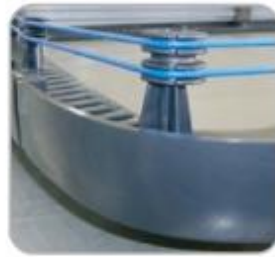Stage setting value check
Egg-turning test

Rcom PRO 50

MENU

MANUAL SHIFT

SET UP BACK

Chicken

60 90'

37.5 ℃
45 %

UP

DOWN

ENTER

DIGITAL INCUBATOR

[SPECIAL FEATURES]

4Circulation fan &
turning motor
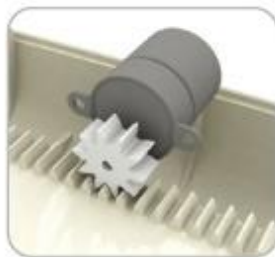

Digital Temp. &
Humidity sensor

Heating system

Humidity unit

Sensor for Incubation
room condition

Egg-turning device

Adjustable air vent

USB Cable Connecting
Socket

H-Frame part on body

Heater part & H-frame

Water supplyment for
humidification

Duplicated view
window

Body & Bottom

LCD display

USB CD (UX-50)

Locking lever

[RCOM 50 SERIES Function Comparison]

Functions	RcomMax50	RcomPro50	RcomPro50(USB)
Automatic Mode(Artificial Intelligence)	X	O	O
Manual Mode	O	O	O
Temperature Adjustment Extent	20℃~42℃	20℃~42℃	20℃~42℃
Humidity Adjustment Extent	20%~70%	30%~70%	30%~70%
Egg-Turning Angle Adjustment Extent	available extent	15 Degree C ~ available extent	15 Degree C ~ available extent
Egg-Turning Interval Adjustment Extent	60min.	10min. ~ 360min.	10min. ~ 360min.
Operation Indicating Part	FND	LCD	LCD
Egg Tray	Standard	Small, Standard, Large	Small, Standard, Large
Improper operation warning Alarm	O	O	O
Universal Tray	Standard	option	option
Main Body Locking Device	O	O	O
Humidity Controlling Device	O	O	O
BLDC Air Circulation Fan	O	O	O
Duplicated View Window	O	O	O
Egg-Turning Device	Slide	Slide	Slide
Water level Controlling	Automatic	Automatic	Automatic
Air Vent	O	O	O
Egg-Turning Interval RANDOM	X	O	O
Egg-Turning Angle RANDOM	X	O	O
PC Connecting Mode	X	X	O
Density Loss Management	X	X	O
Weight Loss Management	X	X	O
PC Program Management	X	X	O
DataBase Management	X	X	O
Incubator Firmware Upgrade	X	X	O
Incubation Condition Real-time Graph Indicating	X	X	O
Controlling Method	Micro Process	Micro Process	Micro Process
Hatching Date D-Day Count	X	O	O
Seleting the species of birds	X	O	O
Alarm for water supplement (For Humidification)	O	O	O
Self-examination for sensing abnorma	X	O	O
Maintain Setting Value When Power is out	O	O	O

[AUTOMATIC MODE]
* This mode offers you the easiest way of incubation conditions. Users do not need to control or monitor the incubator except to add water.

[MANUAL MODE]
* This mode is used when users are familiar with incubation, or when they want to hatch some birds which are not indicated on the incubator. User can set the temperature, humidity, and egg-turning.

[MAIN FUNCTIONS]
* LCD display with incubation information, and animation graphic design
* Micro chip with optimum incubation conditions according to the species of birds, for incubation beginners
* Manual setting Mode for incubation specialists
* Outer Temp. Sensor included for Automatic Adjustment of Heating rate responding to Incubation Room Temperature
* Superior design with convenient operation
* Optimum air circulation technique with 5 strong BLDC fans
* Automatic Temp. & Humidity setting and control
* 48 eggs capacity for chicken size eggs (116 Quail egg size / 24 Goose egg size)
* Antiblastic Humidification method by heating water, which discourages bacterial growth
* Double-glazed view window for minimizing the influence of outside temperature
* Enhanced reliability by applying Swiss's Sensirion's 3rd generation temperature & humidity sensor

[EASY FUNCTIONS]
* No need of separate humidification unit as it is included in main body
* ℃ or ℉ convertible
* Various kinds of egg trays accept various sized eggs with ease
* Slide plate with embossed feature for preventing skid
* Bottom body designed for easy cleaning
* Body locking device

[SAFETY FUNCTIONS]
* Strong SMPS application for stable power supply
* Alarm when water need replenishing
* Humidification unit durability improved by water proof BLDC fan
* Safety cover applied for protecting humidification unit
* Heater supporter designed for heater tension control and its safety
* Self-examination function for sensing abnormal conditions
* Air Circulation fan cover for safety and electric safety cut-out switch on the upper main body for safety
* Incubation data memory function and power outage notification function in case of power failure
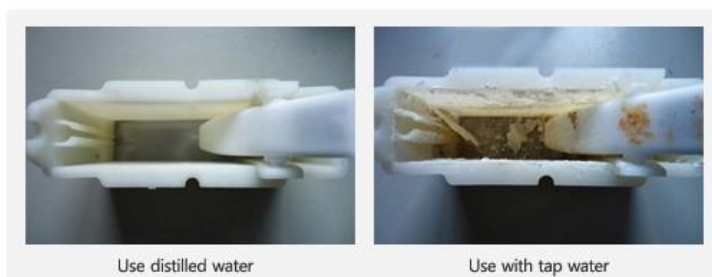* Alarm and display function for abnormal incubator temperature caused by sudden fluctuation of ambient temperature

* CAUTION *
We recommend use distilled water not forming scale in the water tank.
If you want to use other one, please contact to purchase shop.
After hatching, please clean it up, other wise scale can be formed in the water tank and
it can cause failure of machine, in this case, we do not provide free of charge warranty service but charge it.

| Use distilled water | Use with tap water |

- Above picture shows after test on brooder and every other incubators show same.

⚠ After hatching, please put chicks in to Brooder immediately.
If you leave new born chicks in incubator, the incubator can be contaminated and affect adversely for nest hatching.

Power		AC 100 ~ 120[V] / 220 ~ 240[V], 50/60[Hz]
Power Consumption		Max. 120[W] (Average 65 [W])
Temp. Limits	Automatic	Automatic setting for each birds (manual control available)
	Manual	20 ~ 42[℃] / 68 ~ 107.6[℉]
	PROG (USB)	Normal temperature ~ 42[℃] / Max.113[℉]
Humid. Limits	Automatic	Automatic setting for each birds (manual control available)
	Manual	30 ~ 70[%] (It can be changed according to the conditions)
	PROG (USB)	30 ~ 70[%] (It can be changed according to the conditions)
Egg-Turning Interval		0 ~ 360[°] (Depend on the egg trays)
Capacity		Small - Small egg tray - 116 [eggs] (Quail egg size) / (Included)
		Standard - Standard egg tray - 48 [eggs] (Chick egg size) / (Included)
		Large - Large egg tray - 24 [eggs] (Goose egg size) / (Included)
		Universal tray + ABS Divider - Different from the species of egg / (Sold Separately)
PC Connecting (USB MODEL)	USB 2.0	- Real - time incubation condition transmission and setting control - Incubator Upgrade
Weight		8[Kg] (N.W.) 10[Kg] (G.W.)
Size		(W)633 × (L)522 × (H)171[mm]
Fuse Standard		250[V] 2.0[A] (Φ 5 × 20[mm])

ADDITIONAL COMPONENTS

Universal tray

For large sized eggs
(Goose, Peafowl eggs etc.)

- 10 eggs

Rolling divider

Hatching eggs to increase the
stability of the whole egg.

QUALITY CERTIFICATION