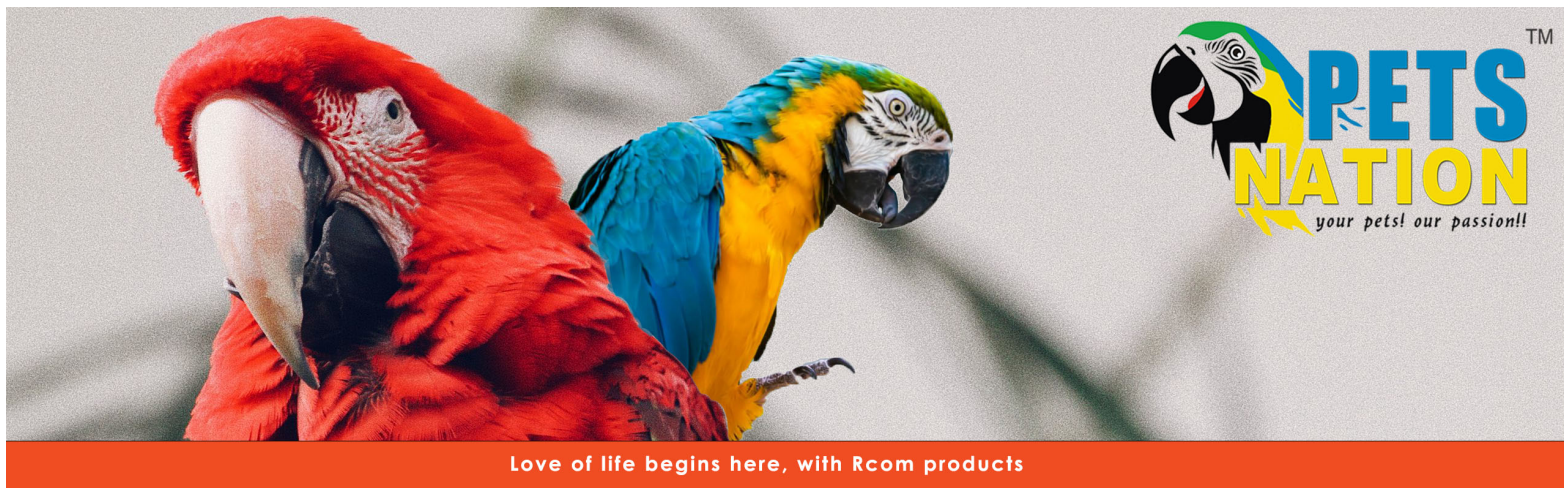




Love of life begins here, with Rcom products

MARU DELUXE MAX 190

MX-190CD



Product name	Rcom MARU DELUXE MAX 190
Manufacturer	AUTOELEX
Brand	MARU DELUXE
Model	MX-190 CD
Origin	MADE IN KOREA

DIGITAL INCUBATOR
Rcom

Ranked TOP!!

Credit evaluation in the global incubators market

By FACT. MR, research agency in Ireland



BRAND INFO

Love of Life begins with Rcom.

We are the R-Com, loving life and nature. Autoelex Co.,Ltd. was established in 1991 with our motto "We are certainly going to do whatever we want and believe." We've expanded our market about 30 other countries for our R-Com brooders and continued trying to be known in the world as the best brand, based on our high technology and innovative thinking. And we've finally became one of the best brooder manufacturing company in the world/

The Enterprise Loves the Nature, Human, and Life. We, RCOM highly expecting our customers' children have a successful life with their positive thinking and warmhearted.

PRODUCT DETAILS

HIGH-PERFORMANCE DIGITAL INCUBATOR

ARTIFICIAL INTELLIGENCE

It has been designed to analyze airflow from computer simulation in order to keep optimal environment inside of incubator and applied high digital technology to control automatic hatching system.

SOLD SEPARATELY

THE TECHNOLOGY CARVING OUT A FUTURE

CREATION OF MOST VALUABLE LIFE BIRTH!

Smart jog-dial system

Innovative design raised durability by applying easy operation jog-dial method

LED indoor light

LED indoor light which can check egg condition

Door sensing function

Internal Micro switch which can present temporary temperature rise from door opening and closing

Advanced concept PTC heater humidity unit

Excellent durability and heat efficiency by applying PTC heater and maintenance of safe humidification effect without overheating

New egg turning device

Upgraded egg turning device for stable electricity interception from external electric shock

Superb high density foam board

A thick coated sheet for warmth reinforcement and embossing surface treatment to present pollution

[IDENTIFICATION OF PARTS]

Air Vent (Front)

Power Connecting (the rear) For connecting power cord.

Air inlet vent

Jog Dial

Air Vent (Front)

Nipple for water hose

Control Panel/ Display Window refer to control panel function description

Insulation Board

LED Room Light

Temp. Humi. sensor/ Door detecting micro switch

Door Dual structured insulated window

Tray (Cradle Type) 190, 380 : 3Layers(1Role) 1000 : 4Layers(2Roles)

Hatchery room Temporary space for hatchery

Universal Egg Basket (Sold Separately)

Rubber foot, Door Guide

Sold Separately

Air Controlling Lever

Outer fresh air can be flowed into incubator inside without affecting insulation. When eggs start hatching, open air controlling lever either fully or half-open.

If you set high temperature, condensation will occur the near Air Vent and may causes licking water from the incubator and it is not a technical problem.

[FUNCTIONS OF OPERATION]

Names and components of each part

- Heater Operation Lamp : Light on when working
- Temp. Display : Current Temperature Display
- Humidity Display : Current Humidity Display
- Pumping System Operation Lamp : Light on when working
- Jog Dial : Press and turn left and right
 - Function setting mode will appear when pressed for 3 seconds
 - Temp. and humi. can be checked when pressed for 1 second
 - Turning the jog dial '360°' will move the cradle and pressing it will stop ※ Cradle Type
- Room Button (1 second) / Horizontal eggs turning button (3 seconds) ※ Cradle Type / Forced egg turning button (3 seconds) ※ Slide Type
- Function Table : Function can be selected in order by using the jog dial
- Outage Notification : Blinks during power outages. (Release button: press the jog dial once)
- Egg Rotation Lamp : Lamp blinks during operation
- Water Supplement Lamp : Blink with water shortage

[INTERIOR]

Cradle egg device

Cradle type tray

Main controller

Air booster

PTC Humidification unit

Digital Humi. & Temp. sensor

Water hose connector

Slide type Air-vent

Duplicated view window

Foam board

Tube clamp

To minimize temp variation inside the incubation Airflow simulation

Egg Basket with ABS divider (sold separately)

Egg Basket with cover (sold separately)

POM reinforcement hinge

200°C heat-treated electrostatic power coating for enhanced corrosion-resistance and durability

[RCOM MARU DELUXE Function Comparison]

Name	Rcom MARU DELUXE MAX 190	Rcom MARU DELUXE MAX 380	Rcom MARU DELUXE MAX 1000
CT Series model No.	MX-190CD	MX-380CD	MX-1000CD
Capacities [Chick egg size]	168	336	840
Egg turning method	Cradle	Cradle	Cradle
Egg turning angle[°]	0, 90° (±5°)	0, 90° (±5°)	0, 90° (±5°)
Egg turning Interval[min]	0,60,120,180	0,60,120,180	0,60,120,180
Humidification device	○	○	○
Option	Egg basket / ABS divider	Egg basket / ABS divider	Egg basket / ABS divider
The number of trays	3 floors×1row	3 floors×1row	4 floors×2row
Size[W x L x H(mm)]	425x473x765	425x790x765	845x790x890
Functional ranger	temperature:20~42℃ (68~107.6°F) humidity:20~70%	temperature: 20~42℃ (68~107.6°F) humidity: 20~70%	temperature: 20~42℃ (68~107.6°F) humidity: 20~70%
Weight[kg]	24	33	74
Maximum electric power[W]	440	440	440
Average electric power[W]	70	70	70

[Main Function]

- Convenient jog dial operation for optimized user interface
- Innovative PTC Heating Type humidifier eliminates bacteria from humidity reservoir (Stainless humidity unit)
- Increased temperature stability and energy efficiency due to high-density insulated body developed by Rcom
- Built-in 'open door' micro-switch detection (Improvement on temporary temperature rise when opening the door)
- Integrated simple control panel (superior maintenance)
- Automatic temperature & humidity control and set function
- Automatic egg turning & turning interval set function (1h, 2h, 3h)
- FND display for easy recognition of incubation state
- Artificial intelligence electronic control system by Rcom technology
- Transfparent double insulated viewing window
- Sliding vent to in the chamber
- Built-in water level sensing switch automatically detect the water level inside the humidifier and alarm water refill is required
- Precise temperature and humidity sensor produced by Sensirion, Swiss (ver. 3rd Generation of Sensirion, Swiss)
- Dependable temperature by Rcom optimum air flow technology

[Useful Function]

- Built in LED dome-light for ease of viewing when door is open
- Degree C / degree F interchangeable
- Separate humidifier not required due to built-in humidifier unit within the device
- Warning & display function of abnormal temperature caused by ambient temperature fluctuation
- Incubation data memory and alarm function in case of blackout
- Equipped with water nipple in front for efficient water supply
- Equipped with removable upper cover for convenience of cleaning or maintenance after incubation
- Automatic horizontal positioning stop function and manual location adjustment function for effortless tray removal
- Adjustable universal egg trays suitable for a variety of egg sizes (sold separately)
- Perform separate egg rotations by leve ※ MX-1000CD

[Sold Separately]

- Universal Egg Basket and ABS Divider

* 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.

QUALITY CERTIFICATION

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