Brinsea Products Incubators and Accessories

Incubators	Page 2
Brooders	Page 8
Starter Packs	Page 9
Accessories	Page 10
Buying Guide	Page 11
Incubator Comparison Chart	Page 12

The latest innovative products from the Incubation Specialists

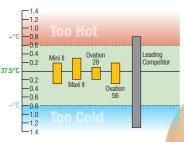


2016 sees Brinsea Products Ltd. celebrate its 40th year in developing and manufacturing egg incubation products and Brinsea's design team have been working hard to bring you a host of newly refined egg incubators.

The popular **Mini** incubator has been improved and joined by a 14 egg big brother, the **Maxi II** and the ground breaking new **Ovation 28 and 56** all-digital models with the unique *Induced Dual Airflow system*, complete the range of small incubators. The **Z7 Raptor** and **K7** laboratory grade incubators are Brinsea's new flagship models for the most demanding applications with the Z7 incorporating a unique contact thermometer to better control contact incubation, Brinsea's patented incubation process. See **www.brinsea.co.uk/Z7**

The Brinsea Difference

To maximise hatch rates, a successful incubator must maintain even air temperature. Brinsea's computer modelled temperature mapping technology means no other brand on the market comes close.



New room temperature alarm

to protect developing chicks

Although egg incubators control temperature, the very fine temperature stability needed for a successful hatch can be affected by large fluctuations in room temperatures, perhaps due to heating failure or weather extremes. Brinsea's new room temperature alarm (patent applied for) is now fitted to all digitally controlled models and warns the user if room temperatures vary too widely so that action can be taken to protect the developing chicks.

Antimicrobial Plastic

to improve hatch rates

The warm damp conditions inside egg incubators are ideal breeding grounds for bacteria which can infect developing chicks causing unexplained hatching failure. To help combat this problem Brinsea use Biomaster™ silver nano technology, developed for medical applications to safely destroy bacteria on contact.

See www.brinsea.co.uk
/antimicrobial

Brinsea
Incubation Specialists



100% UK manufactured
For guaranteed performance

40 years of incubation experience

Brinsea Mini II and Maxi II incubators

Small capacity without compromise.

The Brinsea Mini II and Maxi II incubators are small, high quality, low cost egg incubators combining ease of use, performance and value.

All models feature all round visibility of your hatching eggs, convenience of external water top-up and the latest technical innovations drawn from Brinsea's 40 year experience in egg incubator design.

Six models in two sizes and three feature levels mean there is an ideal model for every breeder.

The Mini II holds 7 hens eggs (10 in the manual turn Eco model) and the Maxi II holds 14 hens eggs (30 in the manual turn Eco model). Other egg sizes from quail to duck can be accommodated – see egg handling section opposite.

The Eco models require more user involvement with manual egg turning needed twice a day whereas the Advance turns the eggs automatically and provides digital control of temperature, including alarms to warn of power failure, incubation temperature fluctuations and Brinsea's new room temperature alarm (patent applied for).

The EX model adds fully automatic and highly accurate humidity control, more turning options and both egg disks to accommodate all egg sizes at a new, lower cost.

The Maxi II Eco, with its high capacity and manual turning is also ideal as a hatcher, in conjunction with a separate setter. for multi-stage incubation.

These models can also be powered from a 12v car cigarette lighter type socket with a suitable adaptor (15.45).



Watch your eggs hatch, every time...

Mini II and Maxi II – features

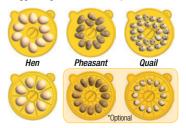
Comparison	EC0	ADV	EX
High visibility cabinet	V	V	~
Biomaster antimicrobial plastics	~	~	V
External water top-up	~	~	V
Fan assisted airflow	V	~	V
Ventilation control (Maxi II)	V	~	V
Glass thermometer	V	_	_
Digital display of temperature	_	~	V
Automatic egg turning	-	✓	V
Countdown to hatch and autoturn stop	_	V	_
Optional periodic egg cooling	-	~	V
Incubator temperature alarm	-	~	V
NEW room temperature alarm	-	~	V
7 hen egg disk (Mini)	-	~	V
12 small egg disk (Mini)	-	OPTION	V
14 hen egg disk (Maxi)	_	~	V
40 small egg disk (Maxi)	-	OPTION	V
Display of humidity	_	_	V
Integral automatic humidity control	_		V
Fine control of autoturn	_	_	V
3 year guarantee	V	V	~

Mini II and Maxi II - egg handling

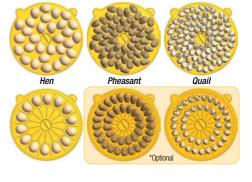
Maximum egg capacities (*with small egg disk)

	Mini II Eco	Mini II Advance	Mini II EX	Maxi II Eco	Maxi II Advance	Maxi II EX
Quail	24	12*	12*	90	40*	40*
Pheasant	12	12*	12*	54	40*	40*
Hen	10	7	7	30	14	14
Duck	8	7	7	20	14	14

Mini II: Egg configurations – ECO top, Advance/EX bottom



Maxi II: Egg configurations - ECO top, Advance/EX bottom



The Brinsea Mini II and Maxi II incubators are ideal for use in education but should only be used under adult supervision.

Brinsea Mini II and Maxi II incubators are subject to EU design registration Nos 003007103-0001 (Mini II) and 003007103-0002 (Maxi II) For full specifications visit www.brinsea.co.uk

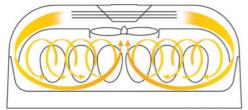
The all-new Ovation incubator range.

Innovation, Performance and Value.

The Ovation 28 and 56 models are a range of all-digital, all-automatic egg incubators designed with ease of use and consistently high hatch rates in mind with a range of features to suit all bird breeders.

NEW Induced Dual Airflow

Both models incorporate Brinsea's new 'Induced Dual Airflow' system which represents a breakthrough in incubator design and achieves new levels of temperature consistency for optimum incubation conditions.



See www.brinsea.co.uk/Induceddualairflow

The two sizes accommodate 28 and 56 hens eggs respectively, other egg sizes from quail to goose can be incubated.

Three feature levels are available for each size with the **Eco** models controlled by a basic but highly accurate digital control displaying temperature, the **Advance** model adds digital display of incubation humidity and Brinsea's unique alarm system (patent applied for) and the **EX** models include extremely accurate integral automatic humidity control for complete peace of mind. All models have automatic turning as standard.



Ovation 28 and 56 – features

Comparison	EC0	ADV	EX
High quality high visibility cabinet	V	V	V
Biomaster antimicrobial plastics	V	~	V
External water top-up	_	_	~
Fan assisted airflow (USP)	V	V	V
Digital display of temperature °C or °F	V	V	V
Automatic egg turning	V	~	V
Optional periodic egg cooling	_	~	~
Incubator temperature alarm	V	~	V
NEW room temperature alarm	V	~	V
Display of humidity	_	V	V
Integral automatic humidity control	_	_	V
Programmable turning interval	V	V	V
Easy water top-up with level indicator	V	V	_
3 year guarantee	V	V	V



Ovation 28 and 56 – egg handling

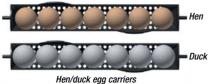
Eggs are held in tilting egg carriers in the Ovation incubators. Hen egg carriers are supplied as standard, 4 in the 28 and 8 in the 56, which can hold any egg size up to duck. See the table below.

Standard configuration

Egg capacities with standard egg carriers



	Ovation 28	Ovation 56
Quail	48	96
Pheasant	48	96
Hen	28	56
Duck	28	56
Goose	0	0



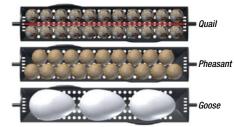
supplied as standard (4 in Ovation 28, 8 in Ovation 56)

For greater flexibility large egg carriers can be bought separately which accommodate goose eggs or greater capacity of quail/pheasant eggs. See the table below.

Optional configuration

Egg capacities with optional large egg carriers

	Ovation 28	Ovation 56
Quail	66	110
Pheasant	57	95
Goose	9	15



Large egg carriers optimised for quail and goose optional extra (3 in the Ovation 28, 5 in the Ovation 56)

Combining, tough construction with high performance and egg capacity, the Ovation incubators are ideal for the serious breeder.



The Brinsea Ovation 28 and 56 are subject to EU design registration Nos 003007103-0003, 003007103-0004, 003007103-0005 and 003007103-006. For full specifications visit www.brinsea.co.uk

New levels of performance PLUS superb value



The Series II range of the popular **OvaEasy Cabinet Incubators** now extends from the compact OvaEasy 100 to the high capacity OvaEasy 580 and Hatcher combination, all providing the same consistently high hatch rates and value.





Hatcher

OvaEasy 100

96 hen egg capacity

OvaEasy 190

192 hen egg capacity including integral hatching tray

OvaEasy 380

384 hen egg capacity including integral hatching tray

OvaEasy 580

576 hen egg capacity *excluding optional separate hatcher*

Hatcher
192 hen egg
capacity

All models in the range are fitted with Brinsea's proven Advance digital control system which is both accurate and easy to use. Incubation temperature (in °C or °F) and humidity are continuously displayed along with temperature alarm and egg turning status.



The Series II models include room temperature alarms to warn if the environmental temperature goes outside the optimum range and a new single button press to automatically level the shelves for tray access.

All models can be upgraded to EX specification to include fully automatic control of humidity with the addition of the EX water pump system (see opposite).



Integral water tray and airflow control



Fans provide 'I aminar Airflow'



Laminated high density polystyrene sides



Universal Egg Trays and Hatching Tray

Performance and ease of use

Multiple small fans blowing air in laminar flow around the egg chamber provide much better temperature distribution than a single, large fan. This approach, coupled with the high levels of insulation mean that temperature is extremely evenly distributed throughout the egg chamber, ensuring good hatch rates time after time.

The convenient control panel allows the user to adjust the temperature, humidity (EX versions only), ventilation and turning with ease. Temperature and humidity levels are shown on a calibrated digital display on the front of the panel.

The fully automatic turning can be switched off from the control panel while the eggs are being accessed or the incubator cleaned.

Construction – durable and energy efficient

The OvaEasy models have fully protected steel chassis which are rigid and rust resistant with laminated high density polystyrene sides providing good thermal insulation and smooth, easy to clean surfaces. The transparent, double glazed door provides thermal insulation plus the convenience of total visibility of eggs and hatched chicks.

Egg handling

Eggs are held in removable trays. As standard the incubators are supplied with universal egg trays with adjustable dividers allowing the user to efficiently fit a wide range of egg sizes from quail to goose, although at a cost of maximum capacity.

For maximum capacity optional species specific egg trays are required.

100: Eggs are set and hatch in trays on two tilting shelves which are set level for hatching. Hatching covers are provided to safely contain the hatching chicks. The OvaEasy 100 is best suited to single stage incubation where a batch of eggs is set at one time and all hatch together.

190 and 380: Eggs are initially set on three tilting shelves and then moved down to the removable hatching tray at the base. These models are ideally suited to multistage incubation where fresh trays of eggs are added each week on the top shelf and trays are moved down a shelf each week before hatching in the lower hatching tray.

580 and Hatcher: The 580 has six tilting shelves and is ideally suited to multistage incubation where fresh trays of eggs are added each week on the top shelves and trays are then moved down each week before moving to the separate Hatcher. Hatching covers are provided to contain the chicks.

OvaEasy Advance EX Series II

Improved control for valuable and hard-to-incubate eggs

Humidity is a crucial factor in successful egg incubation and the EX versions of the OvaEasy Advance Series II incubators put accurate control of humidity in the hands of the user.

The OvaEasy Advance Series II models provide continuous readout of incubation humidity and require the user to alter humidity to achieve the ideal average level.

The EX version with the Humidity Pump effectively maintains the humidity level precisely at the level the user sets irrespective of changes in room humidity and so overcomes problems that can commonly lead to eggs failing to hatch — especially in the latest stages of incubation.

The Humidity Pump includes an external water reservoir eliminating the chances of water in the incubator harbouring bacteria. The Humidity Pump module is designed to work seamlessly with the OvaEasy Advance incubators and can be purchased later as an upgrade from Advance to Advance FX status.





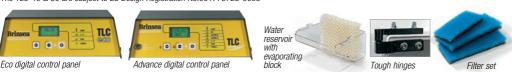
Altricial species of birds (including all parrots and birds of prey) are blind and helpless when they hatch and it is some weeks before they are able to move around, control their body temperature and feed themselves. During this period the young birds need to be kept in a clean, temperature controlled environment as free as possible from airborne contaminants such as fungal spores and dust. Young birds also benefit from being able to see humans from within the chamber; during this early stage in their development it is essential for young birds to become familiar with the presence of people if they are to be tame in adulthood.

The Octagon TLC-40 and TLC-50 brooders fulfil all these functions very cost effectively and can also double as a hospital cage for sick or injured birds. Each model is available with either Eco or Advance control system. The Eco provides digital control and read-out of temperature whereas the Advance also shows humidity, includes temperature and power failure alarms and can be further supplemented by Brinsea's optional EX Humidity Pump to provide full control of humidity.

The TLC-40 & 50 are subject to EU Design Registration No.001779729-0005



- Accurate and adjustable digital temperature control
- Smooth, easy to clean interior with antimicrobial plastics to combat bacteria infecting chicks.
- No vulnerable edges for birds to chew
- Positive pressure with gentle fan ventilation
- Twin stage filter, for removal of harmful bacteria and fungi
- Water reservoir for increasing humidity with external top up
- Permanent calibrated digital temperature control with additional features and flexibility in Advance versions
- Tough, clear hinged door with secure catch
- Choice of two generous sizes suitable for a wide range of species
- 3 year guarantee (subject to simple online registration)





The EcoGlow 20 is subject to EU Design Registration No.001779729-0001 and the EcoGlow 50 to EU Design Registration No.001779729-0002

EcoGlow Chick Brooders

Low cost, efficient, safe and reliable brooders suitable for keeping poultry, game or waterfowl chicks warm. Two sizes are available: the EcoGlow 20 suitable for up to 20 chicks and the EcoGlow 50 can accommodate up to 50. These radiant heaters, rated at a nominal 20 and 50 Watts respectively, are far more efficient than conventional infra red lamps as well as being safer since they run from 12 volts from a mains transformer (supplied). The brooder panel height can be adjusted to match chicks of different sizes from quail to goose.

	EcoGlow 20	EcoGlow 50	TLC-40 Eco	TLC-40 Advance	TLC-40 Advance EX	TLC-50 Eco	TLC-50 Advance	TLC-50 Advance EX
Product Code	HD501	HD502	HD400	HD401	HD401+AD25	HD410	HD411	HD411+AD25
Designed for:								
Poultry,Game & Waterfowl	•	•	-	_	-	-	_	_
Parrots,Birds of prey etc	-	_	•	•	•	•	•	•
Max number of hatchlings (approx)	20	50	15	15	15	30	30	30
Floor area/footprint [mm] (approx)	200 x 300	400 x 500	300 x 400	300 x 400	300 x 400	400 x 600	400 x 600	400 x 600
Heating								
Radiant/Contact	•	•	-	_	-	_	_	_
Forced Air (Fan)	-	_	•	•	•	•	•	•
Temperature Control								
None	•	•	-	_	-	-	_	_
Digital	-	_	•	_	_	•	_	-
Digital (inc. alarms)	-	_	-	•	•	-	•	•
Humidity Control								
None	•	•	•	-	-	•	-	-
Digital humidity display	-	_	-	•	_	-	•	-
Fully automatic control	-	_	_	-	•	-	-	•
Power consumption (/	Vatts)							
Max.	20	60	150	150	150	150	150	150
Typical	20	60	85	85	85	100	100	100

STARTER PACKS

Mini Eco II starter pack (N700)

The complete pack of incubation and brooding equipment to get you started in small scale incubation and rearing. Fun and easy to use.

Starter Pack 1 includes:

- Mini II Eco incubator
- OvaView candling lamp
- EcoGlow 20 chick brooder
- 1.5Kg feeder
- 1.5 pint/1 litre drinker
- Incubation disinfectant
- Full instructions.

Mini Advance II starter pack (N710)

A more sophisticated version of the Pack 1 providing automatic egg turning and the OvaScope for improved egg observation.

Starter Pack 2 includes:

- Mini II Advance incubator
- · OvaView candling lamp
- OvaScope
- · EcoGlow 20 chick brooder
- 1.5Kg feeder
- 1.5 pint/1 litre drinker
- Incubation disinfectant
- · Full instructions.

The Brinsea Mini incubators are ideal for use in educational establishments but should only be used under adult supervision.

Starter Pack 1 "My sister bought this for me for my birthday present and it has been amazing. I'm new to breeding having just kept chickens for a year but this kit made it so easy. The kids were fascinated (ok, so was I!) to see the chicks developing due to the special lamp and the kit contained everything we needed to get going on a small scale. Excellent product for beginners and great value for money!" Jo Varin



Candling Lamps

Candling monitors the development of the embryo within the egg allowing

infertile eggs to be removed before they become infected and contaminate the others. Candling lamps show the rate of enlargement of the airspace within the egg as a gauge of incubation humidity and identify details of development stage (e.g. vein growth)

Two models are available:

OvaView (F180) A very effective low cost all purpose candling lamp ideal for identifying infertile eggs with pale, plain shells (most species of hen, duck, goose, etc). Battery powered for convenience and uses high output, high efficiency LED illumination — so no bulbs to replace and no concerns about overheating the eggs during inspection. The OvaView is designed to be either hand-held or can be placed for use on a work surface. Supplied with a flexible black ring to seal against the egg shell and a set of 4 AA batteries).

OvaView High Intensity (F190)

Similar to the OvaView but with much higher light output from a higher spec LED. The greater power makes inspection of darker and mottled egg shells easier. Supplied with both the normal flexible black ring to seal against the egg shell plus a special smaller

version for smaller eggs. The larger power drain means that rechargeable AA batteries are needed.

OvaScope (F200) An award winning innovative aid to egg candling which works with either model of OvaView and improves the clarity and visibility of the egg and its contents by completely blocking out ambient light, slightly magnifying the image of the egg and allowing the viewer to rotate the egg smoothly as it is observed. It can be fitted with a webcam or camera so is ideal for demonstration or classroom purposes.

Thermometers

Accurate temperature is essential for successful incubation and a reliable, accurate thermometer is a must.

Liquid-in-glass (14.231)

Traditional, accurate and reliable glass thermometers built to Brinsea's specification covering the range of 25–40°C.

Digital 'Spotcheck' (25.64)

Compact, easy to read and extremely accurate digital incubation thermometer.

Discriminates to 10th of a °C or °F and accurate to +/-0.1°C at 37.5°C – compare that to most types available! Covers the range 32 to 43°C and includes a remote sensor allowing the display to be outside the incubator. Operates from watch-type battery (included) which lasts for about 8

Brinsea disinfectant

100ml (*14.35*) / 600ml (*14.36*) (*fully biodegradable*).

Formulated to be used for sanitising eggs, incubators and brooders. Available in concentrated form, Brinsea's Incubation Disinfectant is both safe and effective against yeasts, fungi, viruses and bacteria which can cause fatal damage to the growing embryo.

100ml of disinfectant concentrate makes 10 litres (2.64 gallons)

Poultry/Waterfowl Feeders and Drinkers

Tough, sturdy, low cost polypropylene general poultry, waterfowl and game feeders and drinkers.

Chick Enclosure Panels (set of 8)

Waterproof enclosure system suitable for the EcoGlow Brooders. (HE100)



The OvaScope is subject to EU Design Registration No.001779729-0003 and the OvaView to EU Design Registration No.001779729-0004



OvaView – "Another excellent product from Brinsea, I was able to see everything so much clearer than with the homemade lamp and box I used the first time and being able to put the egg on the candler and look from all angles made it a lot easier to use as well." Lorraine Griffiths

OvaScope and OvaView pack — "The OvaView and OvaScope pack arrived today, thank you. I normally use the older type Brinsea candling lamp & I'm really impressed with how good the OvaView is in comparison. I'd got one more batch of eggs in the incubator, so I candled these with the OvaView and the OvaScope. The detail is amazing! It will be used for many years to come. :-)" Jane Eardley

.co.uk .com

Brinsea have a website packed with information, hatching tips and free downloads.

(UK)

www.brinsea.co.uk

(USA)

www.brinsea.com

User instructions

Lost the user guide to your incubator? Free .pdf downloads of all instructions are available on the Brinsea website (English only).

Incubation help

Having problems getting good hatch rates? The Incubation handbook is a 35 page FREE download booklet which outlines the main principles of incubation, how different types of incubators work, what can go wrong and practical tips to get the best out of your equipment. www.brinsea.co.uk/incubationhandbook

Distributors

Find your local Brinsea stockist.

FREE 3 year guarantee

Register your product details online within 30 days of purchase to qualify for your free three year manufacturer's guarantee.

Monthly Newsletter

Brinsea have a free monthly email newsletter featuring a mixture of competitions, product news and links. Visit the Brinsea website to sign up.

Spare Parts

Brinsea have manufactured and sold incubators for 40 years and there are many older machines still in active service. We stock spares for as many of these older machines as we can and these are all available from the Brinsea website.

CONTACT INCUBATION PRODUCTS

No compromise

Laboratory grade egg incubators for the most demanding applications.

3rd generation no compromise contact incubator for unbeatable hatch rates with wild species, developed in conjunction with world-leading bird of prey breeders.

Brinsea's no compromise moving air incubator/hatcher. For use in conjunction with the Contaq Z7 Raptor or for any demanding incubation application.



Brinsea offers design innovation and a clear appreciation of the requirements of bird breeders to ensure the best chance for hatching success.

* with small egg Gisk. # with optional large egg carrier, **with optional species-specific trays and including hatching tray(s) for the 190 & 380 models. ‡ OveEsy Advance models (from-EQ) have digital humidity display but not automatic humidity control. See website for full details.

Five international patents have been granted for innovations associated with Brinsea's incubation products. Innovation is of little value unless applied effectively, which is why Brinsea continues to work with breeding centres of excellence and experts in the field, as well as conducting in-house test and development programmes — always checking that improvements are effective in practice and designs are practical and reliable.

Quality and reliability

Incubator or brooder breakdown can have the most serious and heartbreaking consequences. Brinsea's quality system means that the manufacture of our products is subject to a continuous and assessed program of quality control. As a result we confidently offer a free 3 Year Guarantee with every incubator and brooder, subject to online registration.

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Brinsea on Youtube

Visit the Brinsea Youtube channel for short clips introducing the product range and demonstrations of their functions: more clips being added regularly.

For prices, details of your nearest stockist and much more information on products and egg incubation visit our website.

specifications of any product without notice.

In order that we can continue our policy of innovation and improvement we reserve the right to alter