

# Purpose designed environmentally controlled chambers

equally suited to brooding of hatchlings or for small animal recovery

## TLC-30, TLC-40 & 50 Series II

# Brinsea

Incubation Specialists



### Avian care

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 until they are developed enough to move to a cage.

The same conditions are also needed for birds recovering from illness and the TLC intensive care incubators are designed to meet these needs.

### Small Animal Recovery

Young, injured or hypothermic small animals have many of the same requirements as hatchlings with the additional need for a quiet and low-stress environment to give them the best possible chance of recovery.

Brinsea's TLC-30, 40 and 50 are designed to fulfil these needs and also be easy to clean and easy to operate.

### Models and Features

Brinsea's TLC range include three sizes (the 30, 40 and 50 models) and three levels of sophistication (the Eco, Advance & Zoologica). With hygiene a top priority, all models have been carefully designed to make cleaning as easy as possible. Brinsea incorporate Biomaster™ Antimicrobial Protection into our TLC cabinets during manufacture. Biomaster Protection is embedded within the plastic itself which prevents the growth of harmful bacteria helping to provide the optimum environment for recovery.

#### TLC-30

The TLC-30s have an effective volume of 9.5 litres and are compact, low cost units which are very flexible and ideal for animal rescue and transportation as they are portable, stackable and can be powered from the mains or by a car power adaptor (available separately – part number 15.45). Because they operate at 12v the TLC-30s can be safely disassembled for easy cleaning. The TLC-30 Eco has an analogue precision temperature control and glass thermometer, the TLC-30 Advance has a digital temperature control with alarm features to warn of dangerous temperature variations.



◀ The 30 models can be powered from the mains or by a car cigarette lighter adaptor to allow patients to be transported in a vehicle.



▶ The TLC-30 models can be stacked, the feet from one unit locate in sockets in the cabinet of the unit below.

◀ The integral handle makes the 30 models easy to carry.



# Key Features

## All TLC models feature:

- Accurate and adjustable fan assisted temperature control
- Smooth, easy-to-clean interior
- No vulnerable edges for animals or birds to chew
- Tough, clear hinged door with secure catch
- Cabinet protected by Biomaster™ Antimicrobial Protection
- Choice of three sizes suitable for a wide range of species
- 3 year guarantee (subject to simple online registration)
- Low weight makes them easy to carry

## Additional features of the 30 models:

- Portability: Carrying handle and 12v/230v supply allows in-car use. *Optional adaptor available*
- Stackable
- Permanent calibrated digital temperature control with additional features and flexibility – TLC-30 Advance

## Additional features of the 40 and 50 models:

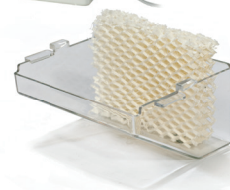
- Positive pressure with gentle fan ventilation
- Twin stage filter, for removal of harmful bacteria and fungi
- Water reservoir for increasing humidity with external top up
- Calibrated digital temperature control with alarm systems
- Advance versions have humidity display, variable fan speed, internal light and nebuliser fitting

## Additional features of the Zoologica models:

- Top specification models with a wide range of controls for exotic bird brooding
- Precision automatic digital temperature and humidity control system
- Temperature alarm systems
- Variable fan speed

## TLC-40 & TLC-50 Series II

The TLC-40, with an effective volume of 40 litres, is ideal for small mammals and birds and can accommodate a rabbit, for example. The TLC-50 has an effective volume of 100 litres and so can accommodate a small dog or a cat and litter of kittens, for example. The 40 and 50 Eco models provide digital control and read-out of temperature and include temperature, room temperature and power fail alarms. The Advance models also feature humidity display, include a switchable internal LED light, and have variable fan speed for particularly stress sensitive animals. A nebuliser fitting is also included to allow the user to conveniently administer medication when connecting a medicine reservoir and a nebuliser pump.



Water reservoir with evaporating block

Warm air can result in dehydration so the TLC-40 and TLC-50 Series II models incorporate a water reservoir over which air is circulated to increase humidity within the chamber. The water reservoir is filled from outside the unit and is clear, allowing the user to monitor the water levels. The water reservoir is removable for cleaning. Replacement evaporating blocks are available from Brinsea Products or your local stockist.

## TLC-40 & TLC-50 Series II Zoologica



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. They need a hygienic and temperature controlled environment to thrive and the Brinsea Zoologica Brooders, designed alongside leading parrot breeders, is ideally suited to this. Warm air can result in dehydration so the TLC Zoologica models manage humidity levels with a precision digital humidity control system which maintains levels set by the user up to at least 65% RH under typical ambient conditions. The Zoologica models feature variable fan speed allowing the user to reduce background noise levels still further for particularly stress-sensitive birds. With accurate and calibrated digital temperature control, the Series II Zoologica gives the user precise and accurate temperature control and humidity control that can be adjusted at the push of a button.



## Hygiene

The lower half of the TLC-40 and 50 Series II & Zoologica cabinets and doors are removable, allowing them to be scrubbed and immersed. The upper parts of the cabinet can be wiped clean and the fan guard is detachable giving easy access to clean the fan. To reduce the risk of infection Biomaster™ Antimicrobial Protection is embedded within the incubator cabinet plastic during manufacture which prevents the growth of harmful bacteria.



Easy clean cabinet designs

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# TLC-30, 40 & 50 Eco & Advance models

## RANGE SPECIFICATIONS

### TLC Eco range

### TLC Advance range

### Zoologica range



SPECIFICATIONS	TLC-30 ECO	TLC-30 ADVANCE	TLC-40 ECO SERIES II	TLC-40 ADVANCE SERIES II	TLC-40 ZOOLOGICA SERIES II	TLC-50 ECO SERIES II	TLC-50 ADVANCE SERIES II	TLC-50 ZOOLOGICA SERIES II
Analogue temperature control	•							
Digital temperature control		•	•	•	•	•	•	•
Display choice of °C or °F			•	•	•	•	•	•
Digital Humidity display				•	•		•	•
Digital humidity control					•			•
Water pan for humidity		•	•	•	•	•	•	•
Temperature alarm		•	•	•	•	•	•	•
Room temperature alarm		•	•	•	•	•	•	•
Increased humidity range			•	•	•	•	•	•
LED light				•	•		•	•
Variable fan speed				•	•		•	•
Nebuliser fitting				•			•	
Antimicrobial plastic	•	•	•	•	•	•	•	•
Portable	•	•						
Stackable	•	•						
Overall height (mm)	297	297	470	470	470	550	550	550
Overall height (inches)	11¾	11¾	18½	18½	18½	21½	21½	21½
Overall width (mm)	270	270	485	485	485	690	690	690
Overall width (inches)	10½	10½	19	19	19	27	27	27
Overall depth (mm)	275	275	385	385	385	490	490	490
Overall depth (inches)	10¾	10¾	15	15	15	19½	19½	19½
Floor area (mm)	240 x 240	240 x 240	400 x 300	400 x 300	400 x 300	600 x 400	600 x 400	600 x 400
Floor area (inches)	9½ x 9½	9½ x 9½	15½ x 12	15½ x 12	15½ x 12	23½ x 15½	23½ x 15½	23½ x 15½
Effective volume (litres)	9.5	9.5	40	40	40	100	100	100
Effective volume (US gallons)	2.5	2.5	10	10	10	26	26	26
Power consumption (Watts) Max	36	36	150	150	150	150	150	150
Typical	18	18	85	85	85	100	100	100
Power supply (as ordered)	115v or 230v	115v or 230v	115v or 230v	115v or 230v	115v or 230v	115v or 230v	115v or 230v	115v or 230v
12v power supply*	•	•						
Weight (Kg)	2.1	2.1	6.7	6.7	6.7	8.7	8.7	8.7
Weight (lbs)	4.6	4.6	15	15	15	19	19	19

\* when optional in-car power adaptor is used. Note: humidity pump and controls are incorporated into the Zoologica models

All filters are washable and replacement filter/evaporating block sets are available from Brinsea or your local stockist.

In order that we can continue our policy of innovation and improvement we reserve the right to alter specifications without notice.

Brinsea TLC intensive care units are subject to EU Design Registration No. 001779729-0005.

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