

# Purpose designed environmentally controlled chambers

equally suited to brooding of hatchlings or for small animal recovery

# Brinsea

Incubation Specialists

## TLC-40 and 50

### Bird Brooding

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. As they grow and develop down and feathers they can gradually tolerate lower temperatures and the breeder needs to be able to reduce the chamber temperature easily, whilst still maintaining control. 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.

### 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-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 two sizes (the 40 and 50 models) and two levels of sophistication (the Eco and Advance models). The 40 size, 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 Eco models provide digital control and read-out of temperature whereas the Advance models also shows humidity, includes temperature and power fail alarms and can be supplemented with Brinsea's EX humidity pump to provide fully automatic humidity control too. The Advance models include a switchable internal LED light to help with inspection and observation of the patient.'

With Hygiene a top priority, the TLC-40 and 50 have been carefully designed to make cleaning as easy as possible. The plastic housing incorporates Biomaster™ antimicrobial treatment which kills bacteria on contact – technology widely used in medical applications. The lower half of the 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. The control electronics are housed away from the chamber for reliability.



# TLC-40 and 50

- Accurate and adjustable digital temperature control
- Smooth, easy-to-clean interior
- 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)
- Low weight makes them easy to carry



Water reservoir with evaporating block



Tough hinges



Filter set



optional EX humidity pump

## Humidity

Warm air can result in dehydration so the TLC-40 and TLC-50 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 level. The reservoir contains white evaporating block to help increase humidity and these blocks are available from Brinsea Products or your local stockist. The water reservoir is removable for cleaning.

## Guarantee

The TLC-40 and 50 are fully guaranteed and will be repaired or replaced if a fault should arise within the guarantee period (see terms of guarantee). Brinsea Products Ltd and their agents will not be responsible for loss or damages in the event of a failure, however caused, and the user is advised to arrange their own insurance cover where loss of power, mechanical or electrical failure might result in unacceptable losses.

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

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SPECIFICATIONS	TLC-40 Eco	TLC-40 Advance	TLC-50 Eco	TLC-50 Advance
Digital temperature control	•	•	•	•
Display choice of °C or °F	•	•	•	•
Digital Humidity display		•		•
Water pan for humidity	•	•	•	•
EX humidity pump option		•		•
Temperature alarm		•		•
Overall height (mm)	470	470	550	550
Overall height (inches)	18½	18½	21½	21½
Overall width (mm)	485	485	690	690
Overall width (inches)	19	19	27	27
Overall depth (mm)	385	385	490	490
Overall depth (inches)	15	15	19½	19½
Floor area (mm)	400 x 300	400 x 300	600 x 400	600 x 400
Floor area (inches)	15½ x 12	15½ x 12	23½ x 15½	23½ x 15½
Effective volume (litres)	40	40	100	100
Effective volume (US gallons)	10	10	26	26
Power consumption (Watts) Max	150	150	150	150
Typical	85	85	100	100
Power supply	115v, 60Hz or 230v 50Hz as ordered			
Weight (Kg)	6.7	6.7	8.7	8.7
Weight (lbs)	15	15	19	19

**All filters** are washable and replacement filter/evaporating block sets are available from Brinsea or your local stockist. To order quote part number HD021.

TLC-40/50 is subject to EU Design Registration No.001779729-0005

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