

# IM DIGITAL ICU



## INSTRUCTION MANUAL

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# ICU OPERATING INSTRUCTIONS

Thank you for purchasing an IM ICU.

The following instructions will guide you through the set-up and preparation of your ICU.

## PREPARING THE ICU

1. Remove the unit from the carton.
2. Remove all styrene from inside unit.
3. Fill the water tray in the bottom of the unit with lukewarm water.

## STARTING YOUR ICU



1. Turn ICU on at the front of the control box using the power switch.
2. The digital display will flash, then show the current internal temperature on the digital display. The high temp / low temp light and the heater light will both come on.
3. To view the current set point temperature, press and hold down the 'Set Temp' button for 1 second. The current set point temperature will be displayed. After a few seconds this display will revert to the current internal temperature.
4. The current temperature will slowly increase until it is on or over the set point as which time the heater light will go out. The temperature inside the ICU will fluctuate for a little while until it stabilizes on the current set point temperature.
5. The fan will operate continually to enable a more stable temperature control.
6. Run the ICU for an hour or so at least before putting birds or animals in to make sure everything is running correctly.
7. If you need to change the set point temperature of the ICU, hold the 'Set Temp' button down for 5 seconds. The display will change to show the current set point and will be flashing. Push the 'Set Temp' button to increase the current set point in increments of 0.1 C or press the 'Set Time' button to decrease the set point in units of 0.1 C.
8. Once you have changed the set point to the desired temperature, leave the controller alone for a few second and it will revert to the current internal temperature.

## **OPERATING ENVIRONMENT**

Ideally your ICU should be located in a room where the temperature ranges between 14°C (57 F) and 25°C (77 F). The room should be free from drafts and not subject to excessive fluctuations in temperature. Do not place the ICU alongside windows as direct sunlight can cause problems with temperature control.

Avoid heating appliances (gas heaters) as excessive levels of CO<sub>2</sub> can cause problems. Do not place the ICU in areas where the temperature may drop below 10°C as the ICU may struggle to maintain the correct temperature.

Do not use the ICU in a room with refrigerated air conditioning as the air conditioner will suck moisture from the air and the ICU and you may have problems keeping enough humidity in the ICU.

If you have the ICU on a cold surface such as a stone bench top, please be aware that cold air will be sucked into the ICU and may cause fluctuations in temperature.

## **HUMIDITY**

In order to stop birds or animals in the ICU from drying their skin out, you will need to maintain humidity in the ICU. The tray underneath the main compartment is both for cleaning and also has the units water tray inside.

Please make sure that there is some water in the tray at all times.

## **CARE AND MAINTENANCE OF YOUR ICU**

After every use thoroughly clean and disinfect your ICU. For a suitable disinfectant, contact your distributor. Ensuring the ICU is clean and thoroughly disinfected will avoid cross contamination and prevent the growth of disease or bacteria in the ICU.

1. After every use disconnect the incubator from the power supply.
2. Remove the incubator ceiling plate by unscrewing the screw/s at the front of the ceiling. (near the perspex front door).
3. Slide the complete ceiling out of the incubator.
4. Using a vacuum cleaner and possibly a light brush, remove all the dust and fluff around the fan and heating element.
5. Replace the ceiling and secure with its screw/s.
6. Failure to keep this area clean may void the warranty for the fan and heater elements.

## **HYGINE**

Always start with a clean ICU. Bacteria can grow very well in the humid and warm temperatures of the ICU. By maintaining a high level of hygiene you will ensure healthy birds and animals.

When cleaning your ICU do not spray any liquid directly on the temperature probe that runs down the wall of your incubator or across the roof. Only use a disinfectant recommended by your distributor.

# WARRANTY

All IM incubators and ICU's are covered by a twelve months parts only warranty.

As of the 1<sup>st</sup> of January 2012 new Australian regulations come into place regarding warranties against product defects. A warranty against defects is a warranty that extends the consumers normal rights under law.

This product, which you have purchased, contains such a warranty. This document contains the new requirements under Australian law that protects your rights under this warranty.

Any claim under this warranty must be made within twelve months from the date of purchase of this product. To make a claim under this warranty, please contact (with proof of purchase):

JHSM Pty Ltd  
P.O. Box 2146,  
Rockingham DC. 6967  
Ph: 1300 88 1170  
Email: [sales@wape.com.au](mailto:sales@wape.com.au)

This warranty specifically relates to a failure of the product due to manufacture and does not cover damage caused by misuse of the product. This includes damage caused to electrical equipment caused by a power surge as the consumer is expected to provide surge protection to all electrical equipment.

The consumer must provide JHSM Pty Ltd or its representatives an opportunity to inspect the faulty product so that a decision can be made as to whether to repair or replace the product. This may be in person of JHSM Pty Ltd or its agent, or with sufficient photographic documentation. In the event that the product needs to be replaced, the consumer will be required to return the product to JHSM Pty Ltd or its declared agent where costs to return said product are deemed reasonable. Where the product has been determined to be repairable, JHSM Pty Ltd will send parts to the customer (within a reasonable time frame) for the customer to make repairs to the product or the customer may return the product to JHSM Pty Ltd for a technician to repair at the customers cost.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees, which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

A major failure, under the legislation, is defined as:

- A reasonable consumer would not have bought the product if they had known about the problem. (Relating to a known problem or fault with the product).
- The goods are significantly different from the description, sample or demonstration model shown to the consumer.
- The goods are substantially unfit for their normal purpose and cannot easily be made fit, within a reasonable time.
- The goods are substantially unfit for a purpose that the consumer told the supplier about, and cannot easily be made fit, within a reasonable time.
- The goods are unsafe.

For more information regarding this legislation please see the ACL website :-  
<http://www.consumerlaw.gov.au>

## **IMPORTANT NOTICE**

**Our company recommends that electric appliances, such as incubators, brooders, grain mills and dehydrators, be protected by a surge filter or surge guard at all times.**

### **WARRANTY'S DO NOT COVER DAMAGE CAUSED BY POWER FLUCTUATION OR SURGES**

**When a large surge or power fluctuation occurs the surge guard or surge filter will absorb the power and avoid damage to your equipment.**

**A surge filter will absorb the surge and continue to allow power to the appliance attached. This means that incubators and brooders will continue to operate after the surge. A surge guard will usually turn off the power and are fine for grain mills and other non essential appliances.**

**We recommend nothing less than a Clipsal 463SF surge filter**

**These surge filters will absorb the power surge and continue to operate. In the event of a surge larger than the unit can absorb, the little red light will go off and it will no longer protect from surges. You will need to replace the filter as soon as possible, but the equipment will continue to operate.**