



Operating Manual

Please read thoroughly before use



Warranty

i-milk Pty Ltd warrants equipment sold against defects in parts other than consumables and workmanship for a period of twelve (12) months from the date of installation.

The warranty will be void if the equipment is not installed in accordance with the directions from I-milk or if not used in accordance with the operating instructions in this manual.

i-milk recommends cleaning products which are proven to clean milk residues which may accumulate and stop your system operating. Failure to use a recommended cleaner will void this warranty.

Consumable Items included in the parts box are not covered by your warranty.

i-milk requires regular maintenance as detailed herein and failure to adhere to these recommendations will void the warranty.

Your warranty will also be voided if:

1. Milk pumps may be damaged due to running them dry for extended periods.

2. Freezing the milk lines or even the milk in the pumps may also cause damage to the pumps and this will also void the warranty. Ensure your refrigeration is correctly adjusted to a temperature between 1 – 5 C.

If a warranty claim is to be made, please contact your distributor for further information or **warranty@i-milk.com.au**

i-milk is manufactured in Sydney, Australia by i-milk Pty Ltd.

For all operating and service enquiries please contact your distributor or i-milk.

24 hour hotline number: +61 3 9877 3995

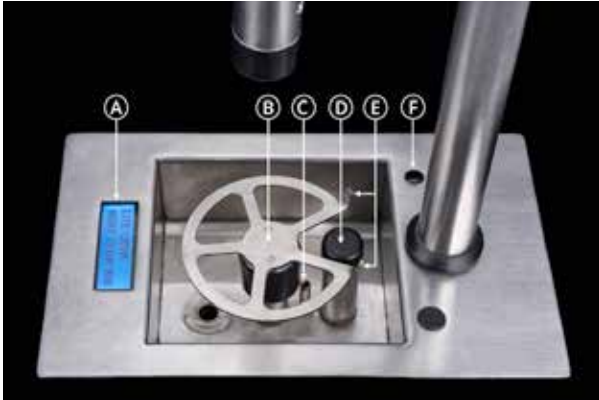
Email: service@i-milk.com.au

The machine is not for outdoor use.

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1 Familiarisation



Dispensing Head

This dispenses the milk and should be installed on a flat horizontal surface.

- A Display
- B Jug Rest
- C Jug Rinser
- D Metal Jug Sensor
- E Jug Rest Locating Fingers
- F Menu Scroll Selector (left or right hand)



Pump Box

This should be installed in a refrigerated environment, either floor or wall mounted. Installing in a non-refrigerated environment will void your warranty.

- A LITE IN
- B FULL IN
- C LITE OUT
- D FULL OUT
- E Pump Box Input



Power Supply

The powerbox has a standard 230 VAC 10amp power lead that can be plugged into a standard 3 pin power point. Also at the rear are 2 black cables – the thinner 4 core cable goes to the pump box – and the fatter 8 core cable goes to the dispensing head unit.

- A Pump Box Input
- B Head Unit Input
- C AC Power Source 10AMP Power Lead

1 Familiarisation cont.

Milk Storage Systems

i-milk is designed to work with all forms of packaged milk including bottles, bladders and cartons. It will be most efficient when the expected daily requirements can be connected to the system at the start of daily trading to meet the daily needs to avoid interruption to service.

This manual provides the detailed information to load and use bladders which are used by the majority of venues using milk delivery systems. The bladders will be held either in stacked crates referred to as Milkstaks or in sliding drawers.

Milk delivered in bottles and cartons must be decanted into special purpose milk vats. Some venues also choose to decant milk

delivered in bladders to milk vats. I-milk has an efficient milk transfer system to aid the transfer process.

All milk must be stored in a permanently refrigerated environment that can maintain temperatures between 1c – 5c constantly. Most often this is an under-bench refrigerator, but may be a cool room or even a suitable chilled box.

Should circumstances or preference change after you have installed your i-milk, it can be reconfigured or expanded at a later time to take advantage of one of the other milk storage options available to you.



Emergency Taps

Two manual taps are supplied with each i-milk for emergency use so milk can be conveniently accessed direct from the bladders in the event of power or system failure



Milk Filter Housing

The i-milk font is designed to pour a uniform, steady, non-turbulent stream of milk. It also provides a final filter to remove particles from the milk.

2 Essential Maintenance

Daily Cleaning

Complete the required daily cleaning. Refer to page 11.
When the daily cleaning process is completed it will automatically record on the cleaning log.

Weekly Maintenance, suggest each Monday

Record the service steps on the yellow log pages at the end of this manual.

1. Check the Cleaning log to ensure the dispenser was cleaned after every service day of the previous week. See Page 14.
2. Recalibrate your milk jugs. See page 9
3. Inspect Milk Font Filter Housing. See page 16

Monthly Maintenance, suggest 1st Monday of each month

1. Inspect Load Cell Water Proofing (Dam) Membrane. See page 17 .
2. Clear drain hose of sediment.

To do this remove drain hose and pressure rinse using hot water to remove any internal sediment.

3

Loading The Milk Bladders



Settle the bladder flat on the base of the container with the connector nearest the cutout slot, face down. The bladder seal must be above the connector.



Lift the bladder to position and slide the bladder connector into the slot pushing it to the bottom of the slot as shown.

Milkstak

Stack the tubs adjacent to the silicon milk spigots. Nesting tubs should be firm.

Remove (and retain) the black safety cap from the spigot, remove the travel cap from the bladder connector and push the spigot firmly into the connector.

If there is any leakage, the connection plumbing may be strained. Move box or reconnect to stop any leak.

Overfilled bags in Milkstak tubs may cause the stack to become unstable. This will rectify as milk is removed by the milk pumps.

Correct Way To Load A Bladder

Take care when sliding bladder connector into slot. Otherwise the cap may be pulled off resulting in a loss of milk.



4 Operating Instructions

To Pour Full Cream Milk



With the display message **FULL CREAM I-MILK READY** place a calibrated metal milk jug on the i-milk.

Ensure that the jug is pushed up against the locating fingers on the jug rest.

i-milk will detect the jug size and fill your jug with full cream milk to the programmed volume for that jug size and for fill 1.

To pour Lite Milk



With the screen message **FULL CREAM I-MILK READY** activate the menu selector by passing your hand or a jug over the menu selector next to the pouring font. The screen message will change to **LITE MILK IMILK READY**

When a metal milk jug is placed on the i-milk it will pour Lite milk to the programmed volume for that jug size and for **FILL AMOUNT 1**

If no jug is placed within 5 seconds i-milk will default back to **FULL CREAM** mode.

Alternatively i-milk can be switched from Lite milk back to Full Cream milk by crossing the menu selector.

After the pour has been completed the dispenser will default back to **FULL CREAM** 2 seconds after removing the filled jug. The 2 seconds allows you time to top up your jug if required but is quick enough not to inconveniently delay the next milk selection.

To Select Jug Fill Level 2

During or after a programmed pour, do not lift the jug and **FILL AMOUNT 2** can be selected by passing your hand over the menu selector. This will change the fill level message on the display and a short top up fill will pump.

To Top-Up A Filled Jug

Lift the jug when pouring stops and replace it to add more milk, removing it when filled to the desired level.

If the jug is allowed to overfill the pour will automatically stop and the message **NO FLOW** will appear.

To Short Fill A Jug

Lift the jug when the milk reaches the desired fill level.

To select Milk Transfer

To access the Menu hold your hand or a jug over the Selector until **MILK TRANSFER** appears. Uncover the Selector.

To activate Milk Transfer cross the Selector. The screen message will change to **FULL CREAM I-MILK READY (T)**

To unselect Milk Transfer

Place a calibrated metal jug for filling and i-milk will automatically return to Autofilling mode.

Operating Instructions cont.

8

To Rinse A Jug



Place the Inverted jug on the jug rest and it will be rinsed for 2 seconds. Ensure the jug touches the locating fingers at the back of the jug rest.

When the rinse finishes you can re-rinse it by tapping the base of the jug. This feature can be enabled or disabled in the Parameter menu under SYS / TIME. Refer to section 11 on page 20. To stop during a rinse lift the jug.

9

To Select Cleaning Mode

Access the Menu by holding your hand or a jug over the Selector until **MILK TRANSFER** appears. Uncover the Selector.

Tap the jug rest once and the > will move to **DAILY CLEANING**

To select Daily Cleaning Mode cross the Selector. Now refer to the cleaning instructions information.

10

To Put i-Milk To Sleep

Access the Menu (see above) and tap the jug rest until you see **SLEEP MODE**

To activate cross the Selector and the message **I-MILK ASLEEP** will appear on the screen

11

To Exit Sleep Mode

Access the Menu and the message **REMAIN ASLEEP** will appear on the screen Tap the jug rest once to the message **WAKE ME UP** and cross the Selector.

5 Programming i-milk

The importance of jug weight progression

i-milk checks the weight of jugs to determine the volume of milk to pour. Unfortunately, no two jugs of the same size are likely to be exactly the same weight. The important thing is that all jugs required to be filled with the same volume have weights which considered as a group are individually all higher than the maximum weight of the group of jugs which are filled with a smaller volume. For instance, the jugs you wish to fill to 175ml may weigh 163 – 168 gms. The installer will use the 163gm jug to set that as the threshold level for the JUG1 Group. Now, your jugs to fill to 250ml may weigh 227 – 231gm. The 227gm jug will be used to delineate JUG2. This logic then works up the scale of jug sizes.

If a barista brings in his/her own jug (or new jugs are purchased) and wishes to use it for a 250ml pour, it must weigh more than 227gm, otherwise it will fill as JUG1. If it weighs 168gm or less, then this issue cannot be resolved. If it weighs more than 168gm, JUG2 can be reset to include it in the group of JUG2 weights.

To recalibrate jug sizes / Access Password

Access the Menu (see above) and tap the jug rest to **PARAMETER MENU** Select by crossing the Selector

PASSWORD 000 will appear with the 1st 0 flashing. The password is 1 2 3.

Tap the jug rest once and the password will change to 1 0 0

Cross the Selector and the 2nd 0 will flash.

Tap the jug rest twice and the password will change to 1 2 0

Cross the Selector and the 3rd 0 will flash.

Tap the jug rest 3 times and the password will change to 1 2 3

Cross the Selector and the message **JUG SETUP** will appear.

Tap the jug rest to **JUG SET UP** and cross the Selector **JUG1 : 170GMS** will appear on the screen. This is a factory preset.

To calibrate **JUG1** cross the selector. The message **JUG1 NO JUG > CROSS** This means with no jug on the jug rest simply cross the Selector.

The message **JUG1 PLACE EMPTY JUG** will appear. Now place an empty Jug 1 on the jug rest.

The message **JUG WEIGHT xxxgms** (xxx being the new weight) **REMOVE JUG** will appear.

Remove the jug from the Jug rest and you have calibrated **JUG1**

Repeat the process for each Jug size.

To return back to **I-MILK READY** When you have finished calibrating your jugs tap the jug rest until **EXIT MENU** and cross the Selector.

To change Jug fill levels

Each jug has 2 fill levels and the process described below is how you change these levels.

Access the Menu (see above) and tap the jug rest to **PARAMETER MENU**

Select by crossing the Selector

Enter the password (see above) and cross the Selector

Tap the jug rest to scroll through the Menu items until you find **POUR VOLUMES** Now cross the Selector

The message **JUG1 - 1 : 170GMS** appears on the screen. This means Jug1 fill amount 1 is calibrated to pour 170grams of milk.

To change this cross the Menu Selector and the following options will appear:

> SET BY JUG

> SET ON SCREEN

To **SET BY JUG** cross the Menu Selector

To change this cross the Selector and the message **JUG1 - 1 PLACE EMPTY JUG** appears.

Place the empty jug and i-milk will start to fill it.

To stop lift the jug. To add more milk replace the jug.

If the jug is over filled pour some milk out to get to the level you desire.

When you have the correct amount cross the Selector the message **JUG1 - 1 PLACE JUG** appears. Place the filled jug and i-milk will weigh it and reset Jug1 - 1.

Repeat the process for each jug fill level that you want to change. To return back to **I-MILK READY** When you have finished changing your jug fill levels the jug rest until **EXIT MENU** and cross the Selector.

If you accidentally select **SET BY JUG** for Jug 1 fill level 1, when at **PLACE EMPTY JUG** cover the Menu Selector and the step will be reversed back to jug fill levels.

To **SET ON SCREEN** tap the jug rest once so **>** is opposite **SET ON SCREEN** and cross the Menu Selector.

5 Programming i-milk cont.

To change Jug fill levels cont.

This allows you to adjust the pour volume by tapping the jug rest. Each tap increases the volume by 1gram. If you hold your finger on the jug rest the fill volume will increase constantly until you remove your finger.

To decrease the set Pour Volume cover the Menu Selector until the up arrow changes to a down arrow. Each tap will then decrease the set pour volume.

When you have made the adjustment needed cross the Menu Selector.

Cleaning Volumes

Cleaning volumes are set when your i-milk is installed. There is a separate volume for Full Cream milk and Lite milk.

The volume is the amount of Hot Chemical needed to completely fill the plumbing system for each milk type.

Please record the volumes in this manual here :

Full Cream **Lite Milk**

To set the chemical volumes for daily cleaning

Before proceeding you will need either liquid food grade dye or milk.

BUT DO NOT ADD IT NOW.

Fill the 5 Litre container with clean cold water.

Remove the safety caps and place all milk spigots that are connected to the pumps in the container.

Place the large cleaning jug on the jug rest and pump water through both the Full Cream and Lite milk system.

The objective is to fill all the milk plumbing with clean water. When this is complete access the Parameter Menu.

Tap through the menu and select **CLEAN VOLUMES** This screen message will appear.

>**FULL VOL** xxGM

LITE VOL xxGM

Now add either the food dye or some milk to the 5 Litre container that the spigots are submerged in.



Mix thoroughly. The liquid should be coloured.

Select **FULL VOL**

Select **SET BY JUG**

Place your empty cleaning jug on the jug rest. I-milk will start to pump water into the jug. When the coloured water starts to appear in the jug stop the pour by lifting the jug. The volume in your jug is the amount needed to completely fill your Full Cream plumbing with liquid.

Cross the sensor and place the filled jug on the jug rest. I-milk will weigh it and use that weight for your cleaning volumes. Now pour the coloured water back into the 5 litre container.

Repeat the process for Lite milk. Don't let the coloured water run out during the process or you will have to repeat the process.

Checking your chemical volumes

With the coloured water still in the milk system replace the coloured water in the 5 Litre container with fresh clean water.

Select **DAILY CLEANING**

Place the cleaning jug on the jug rest and the FULL CREAM pumps will fill the jug with the coloured water in the lines. At the end of the first fill the water entering the jug should become clear.

Repeat this for **LITE MILK**

If there is still coloured water in the system after the first jug fill you will need to reset the chemical volumes as outlined above.

Flowtime Out

Flow time out is the time in seconds that the pumps will continue to operate when **NO FLOW** is detected. It is factory set at 2 seconds.

6

Cleaning Instructions (Preparation)

HACCP Food Safety Certification 1

HACCP Australia Food Safety Certification provides evidence that i-milk meets the most rigorous standards of hygiene management provided it is operated in accordance with these instructions.

This manual states the periodic cleaning tasks required in order to continue to demonstrate your compliance with the food safety expectations of your customers and regulators. Failing to adhere to these standards may lead to serious consequences in respect of your ongoing food safety registration and may result in contamination that in turn may cause illness among your customers.

The daily, weekly, monthly and annual procedures are stated on pages 5 and 11.

The standards of HACCP Australia requires that every 12 months i-milk and in particular the pumps be dismantled and inspected for any build up of milk stone and if necessary, affected parts must be cleaned or replaced. The annual physical deep clean must be undertaken by trained technicians and the Annual Cleaning Log on page 20 of this manual must be completed.

Daily, weekly and monthly cleaning and maintenance procedures are required to be followed in accordance with i-milk's instructions herein.

PREPARATION 2



Fill the 5 Lt white tub with cold clean water.

Remove all milk spigots from the milk bladders. If the bladders start to leak plug it with the ½" grey bung supplied in your Parts Kit.

Leave the milk tubs in the fridge.

Clean each spigot thoroughly with food grade sanitizer spray using a clean single use paper towel and drop it in the white tub.

Complete for all spigots connected to the system.

Flushing The Milk Lines 3

Access the Menu (see above) and tap the jug rest to **DAILY CLEANING** and cross the Selector **COLD WATER RINSE PLACE JUG** will appear on the screen.

Place the cleaning jug on the jug rest. This will start the water rinsing of the Full Cream milk lines. After the 1st pour **RINSE OUT FULL EMPTY JUG** will appear. Remove and empty the jug.

Continue to rinse the Full Cream milk lines until all milk residue has been removed and the water leaving the system is clear.

Remove the jug and cross the Selector to repeat the process for the Lite milk milk lines.

When the water leaving the system is clear of milk residue remove the jug and cross the sensor **ADD HOT CHEM AND PLACE JUG** will appear.

Chemical Cleaning 4



Using the clear 2 Litre container make up a hot water (60centigrade) chemical solution following the instructions on the Cafetto blue chemical bottle.

Make up enough hot solution so that during the cleaning process the chemical solution does not run out. Place the rinsed spigots in this bucket.

Cleaning Instructions (Procedure)

5 Chemical Cleaning the Milk Lines cont.

With **ADD HOT CHEM AND PLACE JUG** on the screen place an empty cleaning jug on the jug rest

After pumping chemical into both milk lines the message **HOT CHEM CLEAN EMPTY AND REPLACE** will appear. Empty and replace the jug and the 6 minute soaking period will begin.

During this process the pumps will pulse twice. When completed the i-milk will start to beep.

Remove and empty the jug and the message **ADD COLD WATER AND PLACE JUG** will appear. Connect a full cold water container and place the empty jug.

This will start the 1st of 6 cold water rinses to flush out all chemical from both milk lines.

If during the rinsing process the message **NO FLOW** appears add more rinsing water to your cold water container After the 6th rinse the message **I-MILK ASLEEP PLEASE CLEAN ME** will appear.

6 Daily Cleaning Of The I-Milk Dispenser



With i-milk in sleep mode remove the jug rest and put aside.

Thoroughly wash the sink, jug rest, and all other surfaces using cold water to remove all milk residue.

Using warm soapy water and a non-abrasive cloth wash the sink and all other surfaces.

Rinse clean.



Replace the jug rest ensuring it is pushed on completely.

Cleaning Instructions cont.

After manual cleaning, drain the milk system - for Milkstak 7

After the milk dispenser has been cleaned, wake up i-milk through the menu.

Remove all water from the full cream milk lines by placing the large jug on the dispenser.

When **NO FLOW** appears on the screen, select **LITE MILK** and repeat.

Now push the black safety caps onto each spigot and it is now ready for connecting when service next starts.

Reconnecting The Milk 8

When the dispenser has been cleaned milk can be reconnected. It is recommended that milk is reconnected just before the next coffee service shift begins.

Do not leave milk in the unrefrigerated milk lines overnight.

Reconnecting the Milk Supply 9

Remove the transport seal from the milk bladder.

Remove the safety cap from the milk spigot and push it into the bladder.

Complete for all spigots to be connected. Any spigots not connected to remain capped off.

Pump Milk Into Lines 10

With the screen message at **FULL CREAM I-MILK READY** place a small jug on the jug rest and fill the jug. Discard the first pour.

Select Lite milk and repeat the process

The scrolling menu will now default to **FULL CREAM I-MILK READY** and service can commence.

7

Cleaning Log

The cleaning log allows the operator to check if the system has been cleaned each day. This gives a record of the past 30 days.

To access this Log follow these instructions:

To access the menu, tap the jug rest to **CLEANING LOG** and cross the selector.

The screen will appear with 2 rows of symbols



Each **—** is one day, the total number of **—** is 30 representing 30 days history.

On each day that the dispenser was cleaned there will appear a **Y**

On each day the dispenser was not cleaned there will appear a **—**

To exit, cross selector and tap the jug rest to **EXIT** and cross selector.

8

Milk Dump Settings

Automatic Discard of Milk

Milk held in the unrefrigerated milk lines in your i-milk will reach room temperature after 20 minutes. Though this milk is still safe to drink for up to 4 hours, you may decide to dump this room temperature milk because it may reduce the quality when steamed.

Should this be a concern to you i-milk has a milk dumping system that is preset in the factory to 240 minutes. This means for example if Lite Milk has not been poured for 240 minutes the message **DISCARD LITE** will appear on your screen.

When you place a jug on the dispenser the unit will beep and the **DISCARD LITE** will flash as the jug is filled. The message **DISCARD LITE** will remain on the display until the jug is removed.

After the milk has been dumped and the jug is removed the i-milk will return to the **I-MILK READY** mode.

To set the discard time you desire follow these steps:

Select PARAMETER MENU from the Menu and enter the password (refer to page 9.) Tap the jug rest to **DELAYS** and cross Selector Select **DUMP TIME OUT**

To increase the time tap the jug rest. To decrease the time cover the Sensor until the up arrow changes to a down arrow and tap the jug rest to reduce the time. To scroll quickly hold your finger on the jug rest.

To turn off this feature set the time to 0.

The maximum time is 240 minutes

When you have completed the adjustment cross the Selector. Now tap the Jug rest to **EXIT MENU** and cross Selector.

9 Technical Adjustments

To Clean the Milk Filter Housing



i-milk has a milk filter located on the font outlet. This black fitting delivers a uniform, steady, non-turbulent stream of milk. If the filter mesh becomes blocked it may cause the milk to squirt or froth. To remove the milk filter rotate it as you pull it down.

Cleaning The Milk Lines



Gently clean each mesh filter in warm soapy water and then re-assemble in the order as shown in the picture, taking care to insert the large o-ring as the final piece of the assembly.

If debris has collected on the visible filter mesh carefully reverse flush it.

Replace the filter into the font rotating it as you push it in place and test the milk flow.

If the milk flow is still not satisfactory carry out the monthly cleaning process outlined below.

Monthly Milk Filter Cleaning

As shown in the picture below, the filter is made up of 4 stainless steel mesh filters each separated by 1 of 3 smaller "O" Rings.



- 1 black filter housing
- 4 identical stainless steel mesh filters
- 3 smaller "O" Rings that separate each mesh filter. These drop freely into the black filter housing.
- 1 larger "O" ring that is inserted last. It needs to be pushed in place as it holds the mesh assembly in the filter housing.



To disassemble gently push the filters and "O" Rings out of the filter housing into a large bowl so as not to lose any parts.

To use Emergency Taps



Your i-milk has 2 manual taps located in your Spare Parts box. These taps allow you to manually pour milk from bladders in the event that your i-milk cannot dispense milk.



To use, load a bladder in a drawer or tub as normal but do not locate the connector.

Insert the spigot of the manual tap into the bladder and secure the manual tap into the key hole in the tub or drawer. This secures the tap and allows for it to be operated with one hand.



Position the drawer or tub at the edge of a bench to pour directly into a jug.

After use ensure the manual taps are thoroughly cleaned and stored back in the spare parts box for any future use.

Technical Adjustments cont.

Inspect Load Cell Dam (Water Proofing Membrane)

The water proofing dam prevents waste water from entering the head unit should the dispenser sink be over filled with waste. Each month inspect that the dam is in place and is not damaged.

To inspect the dam put your i-milk to sleep by selecting **SLEEP MODE** from the scrolling menu

How to install the silicone water-proof seal



The white silicone water-proof seal should always be installed on your i-milk. It prevents moisture penetrating inside your i-milk, which could damage it and void your warranty.



1

Remove the jug rest. Clean away any milk residue on the outer stainless steel tube that the jug rest connecting rod protrudes through. Use a dry plastic scourer. Do not let any moisture penetrate into the i-milk before the seal is applied.



2

Stretch the seal and apply it over the outer stainless tube that the load cell rod sits in. Pull it down onto the outer tube.



3

Use your fingers to push the seal down onto the outer tube that the load cell rod sits in. When correctly located the rod should protrude through the seal as shown. Replace the jug rest.

4

Check regularly that it is sealing. Replace when needed.

5

After removing and replacing the silicone water proofing seal you will need to recalibrate your jugs.

To do this please refer to Section 5 page 9 under the section : To recalibrate jug sizes / access password

10

Trouble Shooting

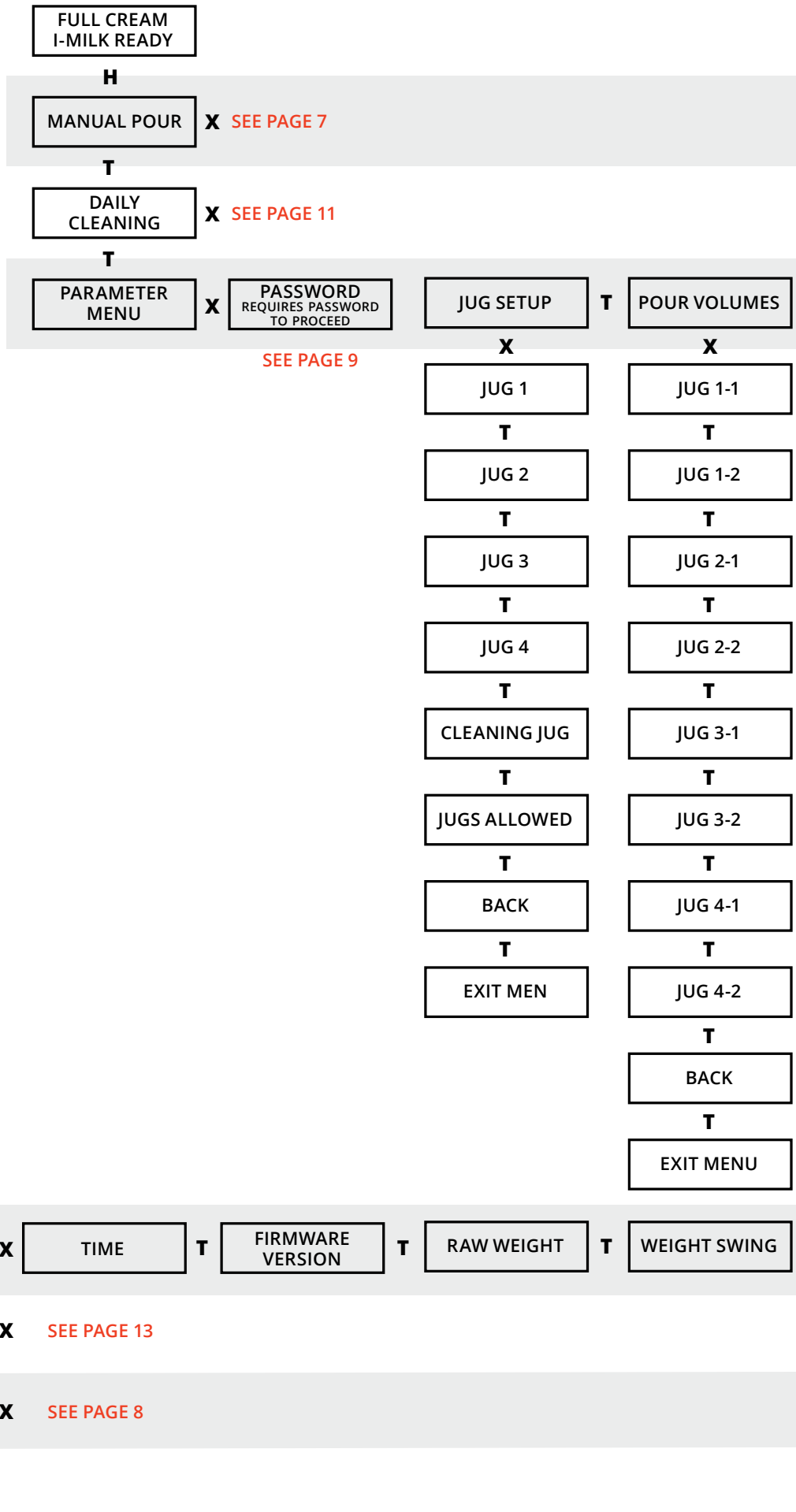
Issue	Comments And Possible Solution
System not working	<p>Quick Fix 1. Turn the unit OFF, wait 10 seconds then ON again</p> <p>Quick Fix 2. Re calibrate jugs</p>
i-milk pours when a jug is inverted for rinsing	<ol style="list-style-type: none"> <li data-bbox="539 488 1528 589">1. The dispenser could be in Milk Transfer mode. If so (T) will be in the display message. Place a metal milk jug on the jug rest for filling and lift when (T) disappears. <li data-bbox="539 611 1528 678">2. The jug is incorrectly located on the jug rest. Relocate the jug so it touches the 2 locating fingers on the jug rest (see page 8)
I-milk rinses when a jug is engaged for filling	<p>The jug is incorrectly located on the jug rest. Relocate the jug so it touches the 2 locating fingers on the jug rest.</p> <p>A non-metal jug is being used. If you want to fill a non-metal container, i.e. cup or glass jug, first select Milk Transfer mode from the scrolling menu.</p> <p>The jug rest is not properly located onto the jug rest locator. To rectify, put i-milk to sleep, remove and reapply the jug rest.</p> <p>The metal sensor requires adjustment.</p>
Wrong fill level	<p>When you engage a jug to be filled i-milk will indicate the jug size being filled, usually Jug 1 for small, Jug 2 for medium and Jug 3 for large. A jug will be wrongly filled if the jug size being filled does not match the jug symbol on the i-milk display.</p> <p>To overcome this problem stop using the rogue jug and use a jug size that has been calibrated.</p> <p>Alternatively, Recalibrate jug sizes (See page 9)</p>
i-milk is pouring frothy milk	<p>Possibly caused by the system sucking air when the pumps are active. Check that all milk drawers are properly closed or the stainless steel milk spigots are all connected correctly.</p> <p>Ensure that there is not a hole in the wall of one of the milk bladders attached to the system.</p>
i-milk is squirting milk into the jug	<p>Possibly caused by something blocking the filter housing on the end of the pouring font.</p> <p>Remove the milk filter and clean it by following the instructions on page 15.</p> <p>Also check there are four mesh filters in the filter head.</p>
RINSE FINISHED	<p>After a jug has been rinsed the message RINSE FINISHED will appear on the screen.</p> <p>This will change to I-MILK READY when the jug is removed.</p> <p>If the message RINSE FINISHED appears on the screen and there is no jug on the jug rest, the dispenser will not pour milk. To resolve this problem the jugs need to be recalibrated. To do this refer to the section Recalibrate jug sizes (See page 9)</p>

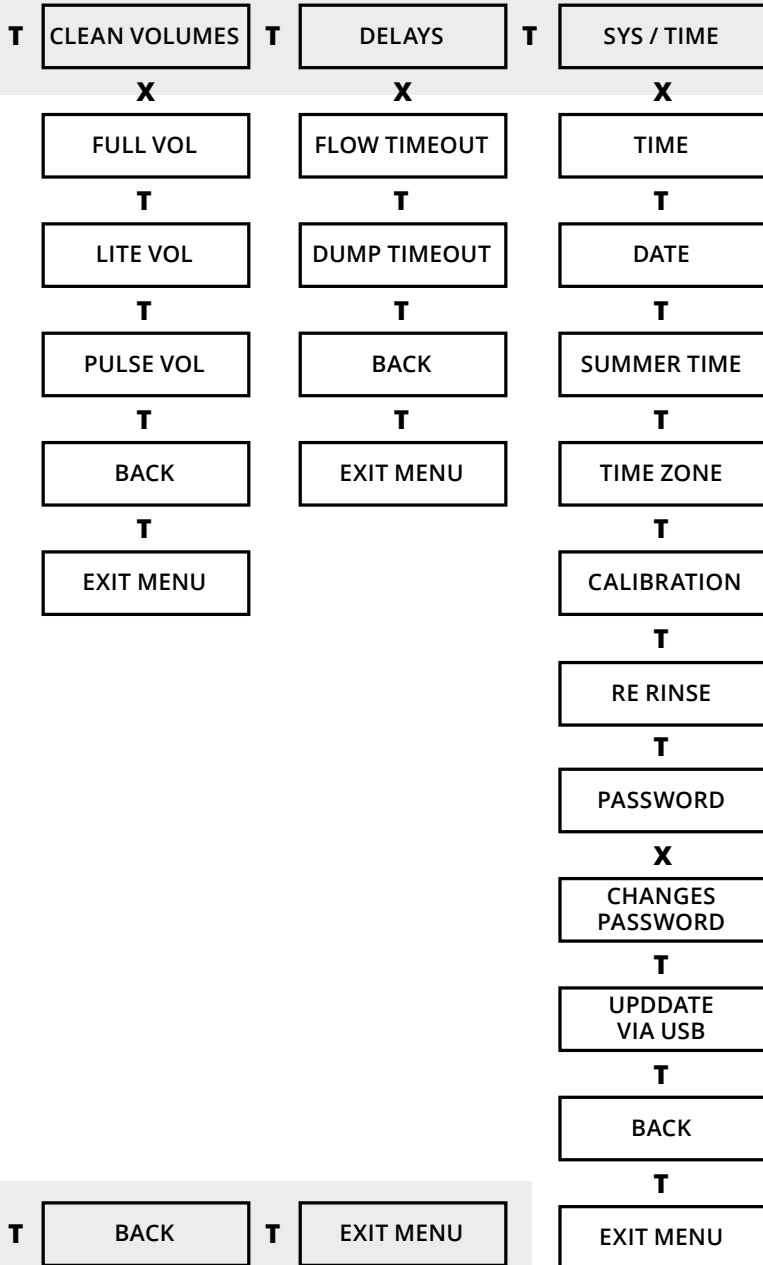
11

Menu Maps

Actions required to access the Menu Map

- X** To select a Menu item cross the Selection
- H** Hold your hand or a Jug over the Selection until it changes the Menu
- T** Tap the Jug rest to scroll through the Menu





13

Screen Messages

FULL CREAM

Full cream milk will be dispensed when a jug is engaged

I-MILK READY

The dispenser is ready to pour milk

LITE MILK

Lite milk will be dispensed when a jug is engaged. After Lite milk has been poured and the jug has been removed the dispenser will default back to Full Cream mode after 2 seconds.
If lite milk has been selected but no jug is engaged the dispenser will default back to Full Cream mode after 5 seconds.

NO FLOW

The dispenser timed out before completing a jug fill. The common reason is that the liquid being dispensed has run out.

When the jug is removed from the dispenser the message NO FLOW will disappear.

I-MILK READY (T)

The (T) indicates that the dispenser is in Milk Transfer mode.

CLEANING

The dispenser is in cleaning mode. Refer to the cleaning instructions in this manual.

JUG 1, JUG 2, JUG 3

This message appears during a pour and indicates which jug size is being filled. Jug 1 is the small jug, Jug 2 is the medium jug, and Jug 3 is the large jug. These are the jugs that have been specifically calibrated for your i-milk.

FILL 1

This message appears as a jug is being filled and indicates which fill level is selected.
To select Fill 2 cross the menu selector during or after a pour.

I-MILK ASLEEP

I-milk is asleep and will not operate. To wake it up activate the scrolling menu and select exit sleep mode which will be the first message to appear.

RINSE FINISHED

After a jug has been rinsed the message **RINSE FINISHED** will appear on the screen. This will change to **I-MILK READY** when the jug is removed.

If the message **RINSE FINISHED** appears on the screen and there is no jug on the jug rest the dispenser will not pour milk. To resolve this problem the jugs need to be recalibrated.
To do this refer to the section Recalibrate jug sizes (See page 9)

DUMP MILK

If this screen message appears the dispenser has detected that milk –either Lite milk or Full Cream milk - has not been poured for the set time.

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Deep Clean Service Record (Annual)

HACCP requires i-milk be Deep Cleaned every 12 months in order to remain certified. This record details the steps.

Maintenance Procedure	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service	Date of Service
Pumps										
Test for Pumping Rate. Time to fill from Pump Set 1 and Pump Set 2.	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2
Run 10 minute multi Wash and Soak using hot Cafetto solution.										
Dismantle, record observations. Physically clean and Reassemble.										
Retest pumping Rate Time to fill from Pump Set 1 and Pump Set 2.	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2	Pump Set 1	Pump Set 2
Continue inspection and clean as necessary. Report.										
Stainless Steel Spigots										
Disconnect and discard all one way duck bill valves.	Valves Removed		Valves Removed		Valves Removed		Valves Removed		Valves Removed	
Soak Spigots in Hot Cafetto Solution for 10 minutes. Rinse thoroughly in cold water.										
Inspect for cleanliness and replace all one way duck bill valves.	Valves Replaced		Valves Replaced		Valves Replaced		Valves Replaced		Valves Replaced	
Remove and thoroughly clean ½" push fit fittings.										
Replace the Following "O" Rings										
Cleaning socks.										
Cleaning Tub(s).										
Font Filter - milk line connector.										
Other Maintenance Requirements										
Inspect Font Filter Housing and replace Parts as necessary.										
Replenish Water Proof Membrane supply back to 10 units.										
Record Software version and update if necessary.										
Inspect for milk leaks inside the head unit.										
Remove Waste line. Clean any build up of solids. Replace if necessary.										
Inspect Milk Storage tubs and drawers. Report replacements required.										
Check water filter and replace cart.										
Check water filter and replace cartridge if necessary.										

