

I PREPARATION OF FEED: a) Filling and heating up water / whole milk



Fill the required amount of water or whole milk into the container of the MilkShuttle.



Keep **HEATING/AGITATING** key pressed for 2 sec: activation of clock timer or immediate start-up of heating process until target temperature is reached (+ post heating if needed):

Key Heating/Agitating

clock timer running (optional)

target temperature

1: Heating auto mode
1:17:00 active

start time
(here: 5:00 pm)

Heating 40.0°C
25.9°C

Heating Break
00:15

Agitator activity during heating process

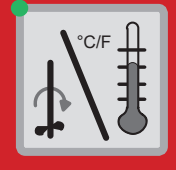
Heating Agitating
00:06

remaining time

Start time heating

Start (of heating) in hh:mm:ss

actual temperature



target temperature, duration of agitating/break
start time morning / evening (3 time pairs)

b) Preparing / mixing calf milk replacer (not applicable if whole milk is used)



Set the agitator switch to level II (fast mode) while preparing feed from calf milk replacer.



Press Start/Stop key. The agitator will then run in continuous mode (5 mins.). Fill the required amount of milk powder into the heated water and let stir in.



II DISPENSING THE PREPARED FEED



Keep **FEEDING** key pressed for 2 seconds, this will call up the feeding mode:

Key FEEDING

key pressed for quantity selection

Feedings
1: 02.0 00.9

charge condition:

battery 2 (propelling drive only)
battery 1

feed quantity dispensed: target value / actual value



feed quantity

see reverse side

1

Press key 1, 2 or 3 in order to select the desired feed quantity to be dispensed.



To dose out portion in bucket press Start/Stop button on the dosing nozzle or the red push button on the drawbar head or the Start/Stop key on the membrane keyboard.

III CLEANING



Roughly wash off the inside of the container and the agitator. Then fill the container with approx. 30 l of water, add detergent if needed.



Establish circular flow system for cleaning by inserting the dosing nozzle into the holder on the inside of the container lid.



Keep the **CLEANING** key pressed for 2 seconds, this will call up the cleaning mode:

KEY WASHING

selected cleaning program (via key 1, 2 or 3)

Cleaning 45.0 C
1: 05:00 33.0 C

cleaning water temperature

target value

actual value

Active agitator

duration of cleaning cycle (minutes)



duration cleaning cycle, target temperature (3 washing programs)



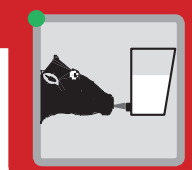
Press the **START/STOP** key in order to start the cleaning cycle. If a target value for the temperature of the cleaning water was set, water will be heated first.



When the cleaning process is completed, the **CLEANING** key will flash. After the cleaning cycle is completed, open the drain valve using the valve lever at the top of the valve. Let the cleaning water drain completely. Then rinse with clear water.



PROGRAMMING THE DISPENSED FEED AMOUNTS /DISPENSING MODE



Keep *FEEDING* key pressed for 2 seconds, this will call up the feeding mode.



Briefly press the key that you would like to program (here: key 2).



Keep *SET* key pressed for 2 seconds in order to call up the programming mode.

KEY
SET

Key to be programmed (here: key 2) `SET Feeding
2: >03,0<` dispensed amount of feed (in litres), old value

a) Programming the dosing amount



Use the + or - keys to set the desired value (in litres).



Leave the programming mode by pressing the Set key. The new dosing amount has been stored and takes effect.

b) Programming the dispensing mode

At the upper and lower end of the value scale the value START/STOP will be shown.



Key to be programmed (here: key 3) `SET Feeding
3: >0.3<` scroll down with ▾ (minus-key)

`SET Feeding
3: >30<` scroll up with ▲ (plus-key)

`SET Feeding
3: >START/STOP<`



Save selected value with key



The preselection key 3 is now programmed for the dispensing mode and free dosing is now possible. Dosing out is started and ended by pressing a *START/STOP* key (on the dosing nozzle, on the drawbar head or on the membrane keyboard).

CALIBRATION OF DOSING PUMP



We recommend having the dosing pump calibrated on a regular basis. This process is described in detail in Chapter 7.2 of the manual.

SETTINGS (DATE/TIME, UNITS, LANGUAGE, SERIAL NUMBERS, WARNING LEVELS TEMPERATURE MIN/MAX)



Make sure that the main menu is active (date and time must be shown in the display of the operating panel). If required, press *ESC/INFO* key in order to switch to the main menu.



Keep *SET* key pressed for 2 seconds in order to call up the *settings* menu.



Use + or - keys to scroll through the settings/parameters. Stop at the parameter you would like to set (date/time, language, etc.).



Press *SET* key briefly in order to call up the programming mode.



Use the + or - keys to set or select the desired value.
If required, press *SET* key again in order to switch to next value.



Finally, briefly press *SET* key in order to exit programming mode. The new value is now stored and takes effect.

