

**Premi®Test 2-step Incubator**

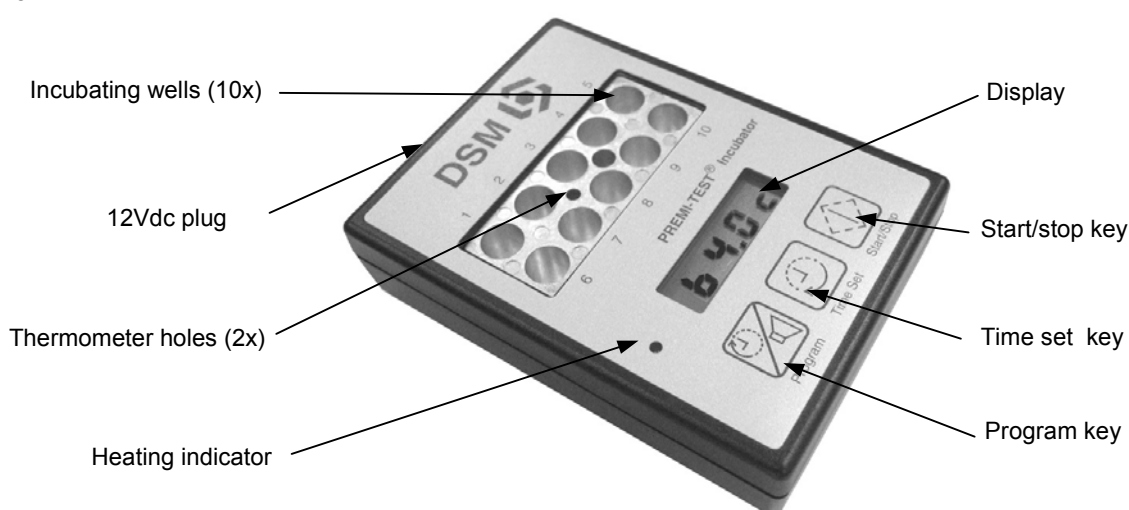
Premi®Test 2-step Incubator for eggs and feed

Insert 250505

**INTRODUCTION**

Premi®Test is a test kit for the detection of antibacterial substances such as antibiotics and sulphonamide residues in meat, fish, eggs and feed. For the operation of this test kit, a pre-incubation step at 80°C is required for the matrices eggs and feed, before the standardized 64°C incubation.

The Premi®Test 2-step Incubator has an integrated system to pre-incubate for 10 minutes the Premi®Test ampoules at 80°C, to cool down and to incubate the Premi®Test ampoules at 64°C. It has an integrated ventilator for the cooling down and an integrated timer.

**BEFORE TESTING/CONNECTION**

The incubator should be used indoor placed on a level surface and connected to external 12Vdc power supply. After connecting the Incubator, the pre-heating of the incubator will start and the display will show: [ PrE ] [ HEAt ] during pre-heating the red indicator LED will light. All function keys are de-activated during pre-heating. After 5 minutes the indicator LED will start to flash, indicating that the temperature has come close to the set temperature of 64°C. For best Premi®Test results it is advisable to wait a further 5 minutes to allow better temperature stabilisation at 64°C. The incubator is now in continuous mode and the display will show the actual temperature [64.0c] / [cont] and is ready for use.

For testing, operate Premi®Test according to product instructions.

- Maximum altitude: 2000 meter
- Maximum relative humidity: 80% at 31°C

Note: In case of non-specified use the safety is not guaranteed.

**INCUBATING PRECAUTIONS**

The incubator must be used in a room with a constant temperature (+10 to +35°C) and should not be placed near an open window or in a draught. Always ensure that Premi®Test ampoules are fully inserted, touching the well bottoms of the incubator. In the event that further test runs are to be carried out on the same day, the incubator should remain switched ON. For best results, it is recommended NOT to put in new cold ampoules during a test run as this may lower the temperature.

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### PROGRAM KEY

During the continuous mode the Incubator can be programmed either to make a two step **[2-St]** incubation with 10 minutes over-temperature at 80°C or for an incubation at 64°C with alarm sound **[Snd ]** at the set incubation time.

To programme the two-step incubation or the alarm sound incubation;

- A short press on the PROGRAM key activates programming and shows the memorised type of program.
- Subsequent short presses on PROGRAM key cycle between **[2-St]** for two-step and **[Snd ]** for alarm sound.
- Memorise displayed setting by pressing and holding down the PROGRAM key for 2 seconds (buzzer sounds for 2 seconds while pressing). (After approx. 5 seconds the display will return to the continuous mode).

### TIME SET PROGRAMMING (Alarm Sound program only)

During the continuous mode and when **[Snd ]** program is selected, the timer can be programmed to use the required time set for alarm sound. If the **[2-St]** program is selected the timer is not operating, pressing Time Set key display **[OFF ]** .

To programme the time set for alarm sound:

- A short press at on TIME SET key activates programming and shows the memorised value.
- Subsequent short presses on TIME SET key cycle between: **[1.45]** 1 hour and 45 minutes to **[ 3.15 ]** in incremental steps of 15 minutes after set time.
- Memorise displayed setting by pressing and holding down TIME SET key for 2 seconds (buzzer sounds for 2 seconds while pressing). (After approx. 5 seconds the display will return to the continuous mode).

### STARTING AND STOPPING PROGRAM

To start the Premi<sup>®</sup>Test Incubator programme press START/STOP key for 1 second.

-For two-step program the display will start to show in cycles: During 10 minutes, actual temperature/ set function / elapsed time example: **[80.0c]** / **[StP1]** / **[00.09]** , after 10 minutes during incubation at 64°C, actual temperature / set function / elapsed time example : **[64.0c]** / **[StP2]** / **[01.32]**

-For sound program the display will start to show in cycles: actual temperature / set function / remaining time example: **[64.0c]** / **[Snd ]** / **[02.15]**.

To stop the program, press STOP key, the display will show flashing **[StoP]**, confirm stop by pressing again and holding down the STOP key. If no confirmation is given within 5 seconds the programme continues to operate.

-When the Incubator has been programmed for two-step **[2-St]**, to stop the program press the STOP key, this will bring the Incubator back to the initial starting menu (continuous mode). Pressing again on START/STOP will reset the timer and start a new sequence with two-step.

-When the Incubator has been programmed for an alarm sound **[Snd ]**, the alarm sound only will be audible and the display will show **[End ]**. To stop the alarm from sounding, press STOP key. This will also bring the Incubator back to the initial starting menu (continuous mode). Pressing again on the START/STOP key will re-start the timer with the memorised settings.

Memorised settings will remain in the memory after disconnection from the mains.

### TEMPERATURE READINGS AND ADJUSTMENTS

When the Premi<sup>®</sup>Test 2-Step Incubator has been set at 64°C, temperature adjustments can be made during the continuous mode **[cont]** within a range of 63.0 to 65.0°C. To re-programme the temperature setting;

- Press PROGRAM and TIME SET keys at the same time to increase the temperature.
- Press PROGRAM and START/STOP key at the same time to reduce the temperature.

(After approx 5 seconds the display will return to the continuous mode)

In the metal heating block there are 2 additional holes for external thermometers for verification purposes. Ensure appropriate fit of the thermometer in this hole. Contact DSM PremiTest if assistance is required.

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### ERROR MESSAGES

During an operation the Premi<sup>®</sup>Test 2-Step Incubator may diagnose possible failures. Messages will be displayed whenever an error has occurred. *The incubator will keep functioning.* To restart the Incubator from any programme, switch OFF (or disconnect) for at least 15 seconds. Contact DSM PremiTest if assistance is required. The following messages can be displayed;

[Lo t] = Temperature is too low. (This is normal during pre-heating).

[Hi t] = Temperature is too high.

### STORAGE AND TRANSPORT

The Premi<sup>®</sup>Test 2-Step Incubator should be stored and transported dry at a temperature between 0 – 50°C. Avoid freezing and strong mechanical shocks.

### CLEANING

Only clean the Premi<sup>®</sup>Test 2-Step incubator with a dry cloth or tissue. Do not use water or any other liquids.

## Certificate of analysis

Incubator MCI-12 2Step

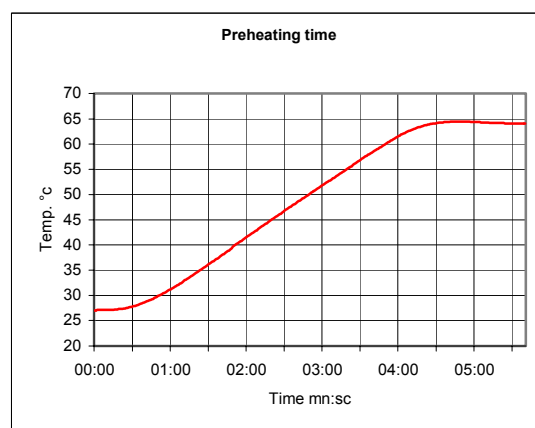
Power supply: 12Vdc

Batch Number: 12/05

Date of production: 05/2005

Quality Controlled by SEPT/Paris/France:

Operator: J C . P .



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