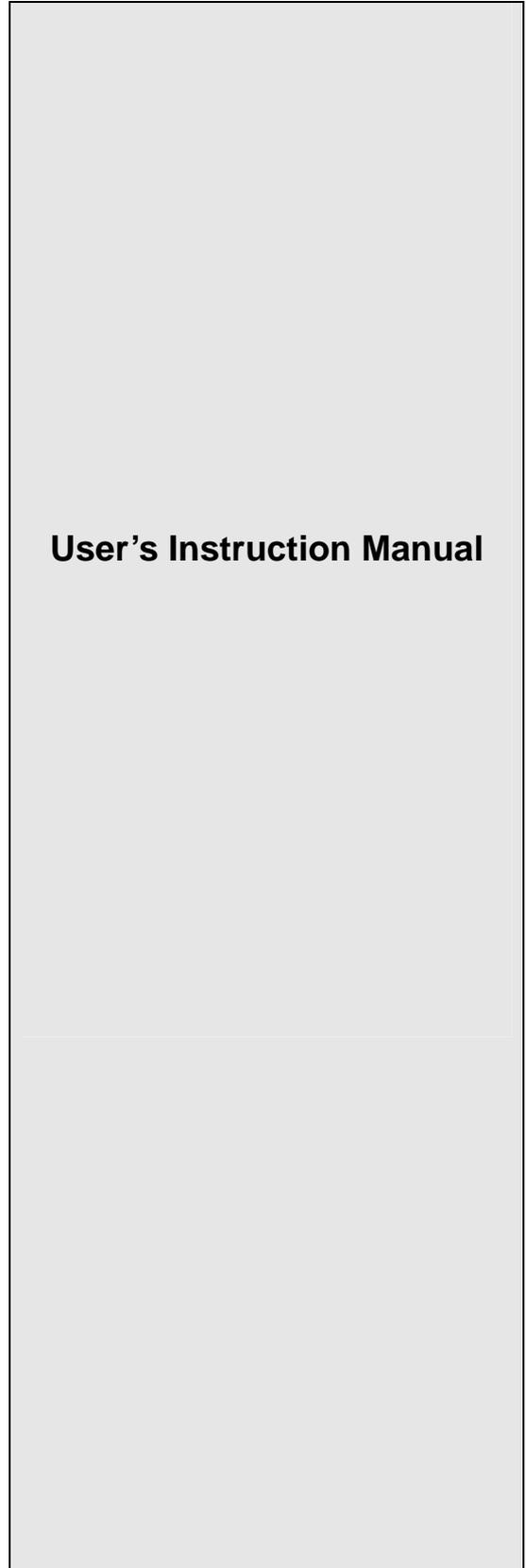
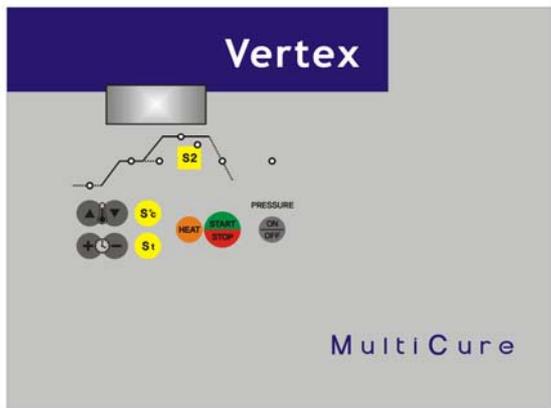


MultiCure



User's Instruction Manual



1.0. General cautions

- 1.1. Read this manual carefully before operation.
- 1.2. This machine should be operated by the user who is a well trained professional and not merely an occasional worker.
- 1.3 The built-in safety mechanisms should not be removed or modified
- 1.4 Do not allow unauthorized persons to repair the machine

1.1. Safety warning label information



- Do not Touch live electric parts.
- Turn off power source and disconnect input power before installing or servicing the equipment
- Turn off the equipment when not in use.
- Do not use worn and damaged cables.
- Use only well maintained equipment.
- Do not handle power code with wet hand.



- Keep Children away.
- Do not open the cover during operation.
- Do not open Air outlet valve during operation.
- Do not open Water outlet valve during operation.
- Do not connect to air pressure generator which produces over 6bar.
- Do not put air pressure to the chamber with water when the cover is opened.



- Do not touch the cover during operation(This equipment uses a warm or heatwater up to 95 degree)

2.0 Installation instruction



-Turn off power source and disconnect input power before installing or servicing the equipment

2.1 Please check the package contents.

- A. Machine
- B. Manual
- C. Air pressure controller kit complete(Optional)

2.2 Please prepare right place.

- The place should be flat and dust free area.
- Make sure there is enough space from the back side and the right side.

2.3 Steps for installation.

A – Connect a hose 5x8 to Air inlet



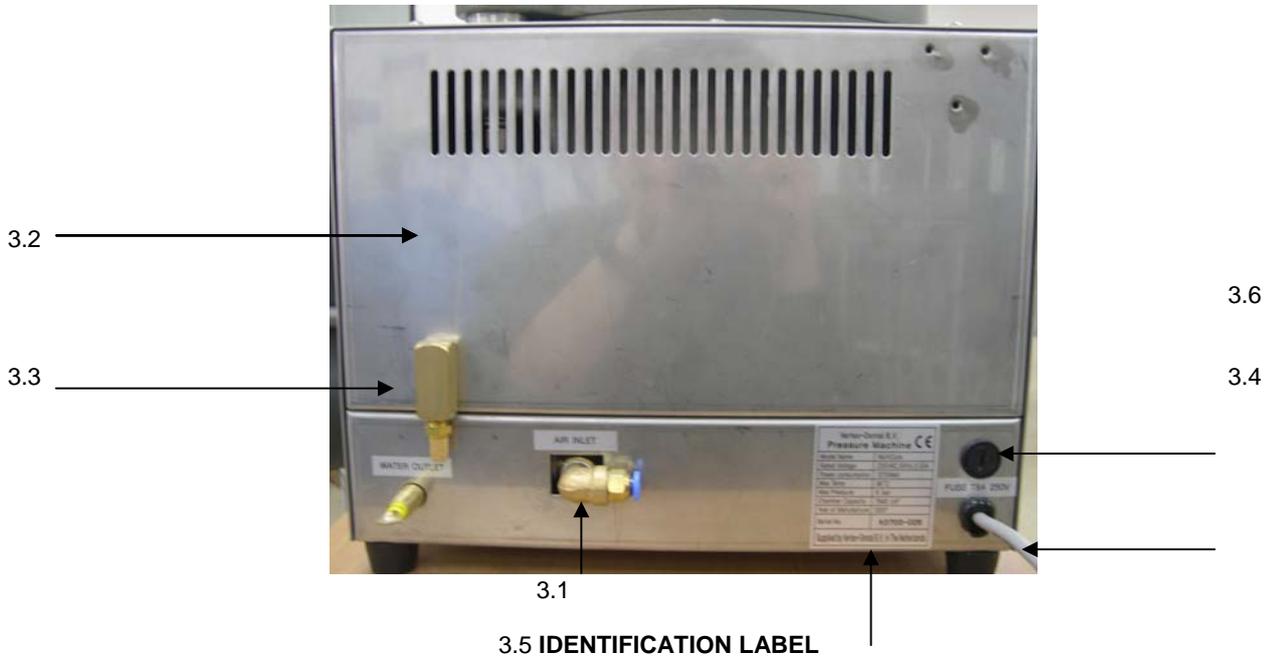
- Do not connect to air pressure generator which produces a high pressure over 6bar and it is recommended to use a air regulator in case air pressure generator produces a high pressure over 6bar.

B – Connect a hose 12X16 to Water outlet

C – Connect Ac power code

3.0 Description of back side of machine

- 3.1 Air inlet
- 3.2 Air outlet
- 3.3 Water outlet
- 3.4 Ac power code
- 3.5 Identification label
- 3.6 Fuse box



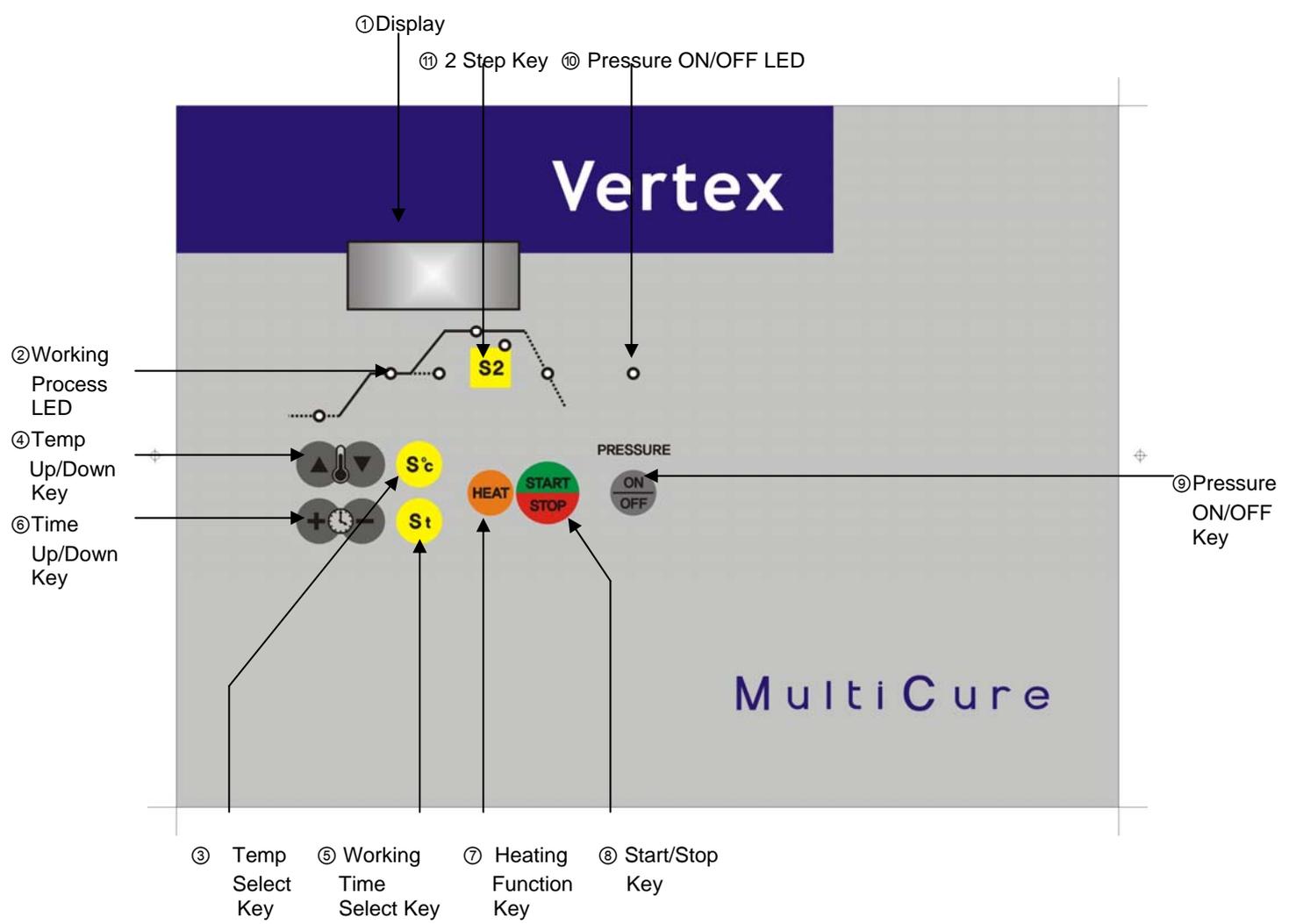
3.5 IDENTIFICATION LABEL

Vertex-Dental B.V. Pressure Machine CE	
Model Name	MultiCure
Rated Voltage	230VAC,50Hz,5,53A
Power consumption	1270Watt
Max Temp	95°C
Max Pressure	6 bar
Chamber Capacity	7948 cm ³
Year of Manufacture	2007
Serial No.	
Supplied by Vertex-Dental B.V. in The Netherlands	

Picture 1

4.0. Front Panel

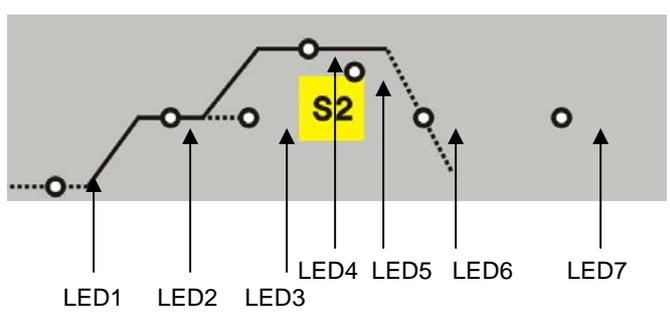
4.1. Description of the front panel



Picture 2

4.2. Description of LED Display

- 1) Display: This display shows a working time, a working temperature and a working process.
- 2) Working Process LED



Picture 3

4.3. Description of LED Display Mode and Function Key

1) LED1 On

- This is called as IDLE mode and means that the machine is ready to start heating mode. By switching on or cancelling a preheating/ or heating mode, a user goes into this step.
- In this step, ① Display shows a current temperature, pressure is "0" and ⑦ Heating function key is available.

2) LED2 on

This is called as Heating Mode/ or Preheating mode and means that the machine is ready for heating. An user can go into this mode by pressing ⑦ HEAT Key. On this mode, a user can input a temperature for Step 1 by pressing "Temp Select Key" and also a working time for Step 1 by pressing "Working Time Select Key".

By pressing ⑦ HEAT Key, a user can come back to IDEL mode and LED1 will be on.

3) LED2 Blinking

This mode is called as "working mode". An user can go into this mode by pressing "Start" key and then LED will start blinking. In this mode, machine will be heat up to the temperature an user input on Heating Mode and Display show the current temperature. And after arriving the temperature an user input, the display will start showing the remaining working time.

In this mode, a user can confirm a current temperature any time.

4) LED3 on

This mode is called as " End Mode": In this mode, even after working process, machine keeps the final temperature and also keep a pressure level in case an user pick up a pressure level. Machine will automatically go into this mode from the working mode after the working time finishes. When machine goes into this mode, machine will give an alarm sound for 5 seconds and "End" message will be shown on display in this mode.

5) LED4 on

This is called as "2nd Heating mode" and a user can go into this mode by pressing "S2"key. And in this mode, an user can input a temperature for Step 2 by pressing "Temp Select Key" and also a working time for Step 2 by pressing "Working Time Select Key".

6) LED4 Blinking

In case a user selected this mode by pressing "S2"key, after Working time of Step1, LED4 will start blinking and Machine will heat up again to the temperature a user input for step2. In this mode, display shows a current temperature and after arriving the temperature a user input for Step2, Display will show the remaining working time. After working time, machine will automatically go into "Cooling Mode". And in this cooling mode, the temperature will go down.

In this mode, a user can confirm a current temperature any time.

7) LED5 on/off

This shows whether a user selected Step 2 or not.

8) LED6

This is called as "cooling mode" and machine will automatically go into this mode after Step2.

9) LED7 on/off

This is Pressure On/Off LED. This shows whether an user selected a pressure by pressing pressure key or not.



- Do not connect to air pressure generator which produces a high pressure over 6bar and it is recommended to use a air regulator in case air pressure generator produces a high pressure over 6bar.

10) ° of °C Blinking

This shows Machine is heating up.

11) Temp Select Key & Temp Up/Down Key

A user can select a temperature a user wants for Step and Step2 by pressing Temp Select Key. And this key can be used when LED2 is on or LED4 is on. By keep pressing this key, Display shows 0, 55,70, 93 and 100°C. In case a user wants another temperature, a user can increase or decrease a temperature by pressing Temp Up/Down Key.

12) Working Time Select Key & Working Time Up/Down Key

A user can select a working time a user wants for Step and Step2 by pressing Working Time Select Key. And this key can be used when LED2 is on or LED4 is on. By keep pressing this key, Display shows a different working time. In case a user wants another working time, an user can increase or decrease time by pressing working time Up/Down Key.

13) Heating Function Key

By pressing this key, Machine can go into Heating Mode and by pressing this key once again, Machine can go into IDLE Mode.

14) Start /Stop Key

By pressing Start key, you can start operation and by pressing Stop key, you can stop operation.

15) Pressure On/Off Key

A user can select operation with or without pressure and can confirm it through LED7.



Do not use a pressure when Machine heats up over 95°C and Cover is opened. And Do not fill water more than level of Air pressure hole.



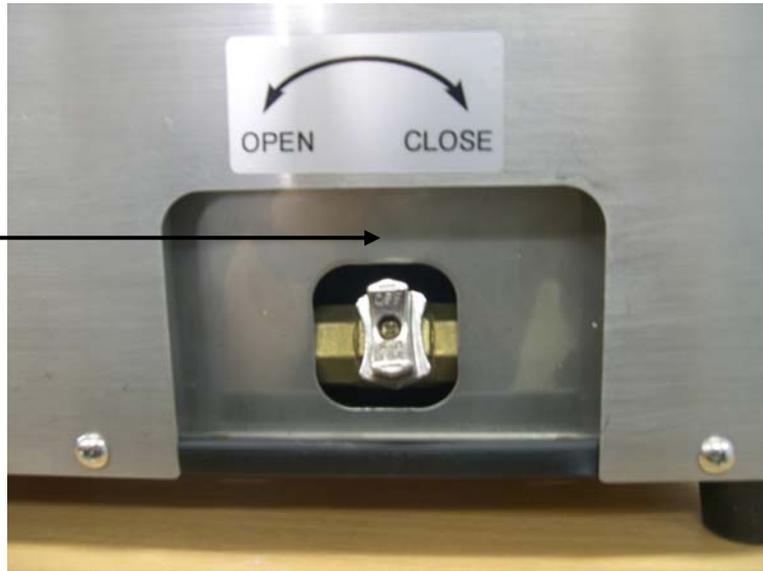
Picture 4

16) Step2 Key

By pressing this key, a user can select working process for step 2.

5.0. Description of right side and how to release water.

5.1 Water release knob



Picture 5

A user can release water by turning the water release knob.

6.0. How to Operate

- 1) Please turn on the machine by Switching on.
- 2) Please open the cover and then put your flask into the chamber. And please pour as much water as you want.
- 3) Please press  Heating Function Key in order to go into the preheating mode (LED2 On).
- 4) Please input a temperature and a working time for Step1 by pressing Temp Select Key, Temp Up/Down key, Working Time Select Key and Time Up/Down Key.
- 5) In case a User apply Air pressure by pressing Pressure Key. And in case a user wants to control Air pressure level, Optional Air regulator will be recommended.
- 6) And User can heat up the machine to the input temperature by pressing Start Key. Machine will automatically running after arriving this temperature.
- 7) User can hear alarm sound and machine will keep the same temperature.
- 8) In case and User wants Step 2, after pressing S2 key and an user can input a temperature and a working time for Step 2 by pressing Temp Select Key, Temp Up/Down key, Working Time Select Key and Time Up/Down Key. For the Operation of the Step 2, after working time, machine will automatically cool down.

After Switching off and then switching on, machine will keep last working cycle.

7.0. Error Message.

1. Error1: Over heating or Problem of Temperature Sensor.
2. Error2: Problem of Temperature Sensor.

8.0. Specification

1. Related Voltage: 230VA,50Hz,53A
2. Power Consumption: 1270W
3. Max Temperature: 100°C
4. Max Pressure: 6bar
5. Chamber Capacity: 7948cm³
6. Dimension: W330 X D400 X H350
7. Weight: 23.5Kg

9. Distributor Information

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