Control panel M2R, 900-1201-200 / 2016

Picture 1 Display

01	Decreasing button
02	Increasing button
03	SELECTION button
04	ARROW DOWN button
05	ARROW UP button
06	EMERGENCY button
07	START button

Chart 7.1 Display buttons

COMMISSIONING

8.01 Starting and stopping the machine

8.01.01 PRELIMINARIES OPERATION AND STARTING

For turning the machine ON:

- Turn the general ON
- Release the emergency button ref. 6, pic 1.

8.01.02 STOPPING THE MACHINE

It is possible to immediately stop the machine during the work cycle by pressing the EMEREGENCY button. In this condition all the moving parts stop immediately independently from the machine status. Once releasing the EMERGENCY button it is necessary to remove the bottle and have a ¾ mm portion of label protruding from the blade.

8.02 Main MENU

Turning the machine ON, the following is the main page shown on the display.
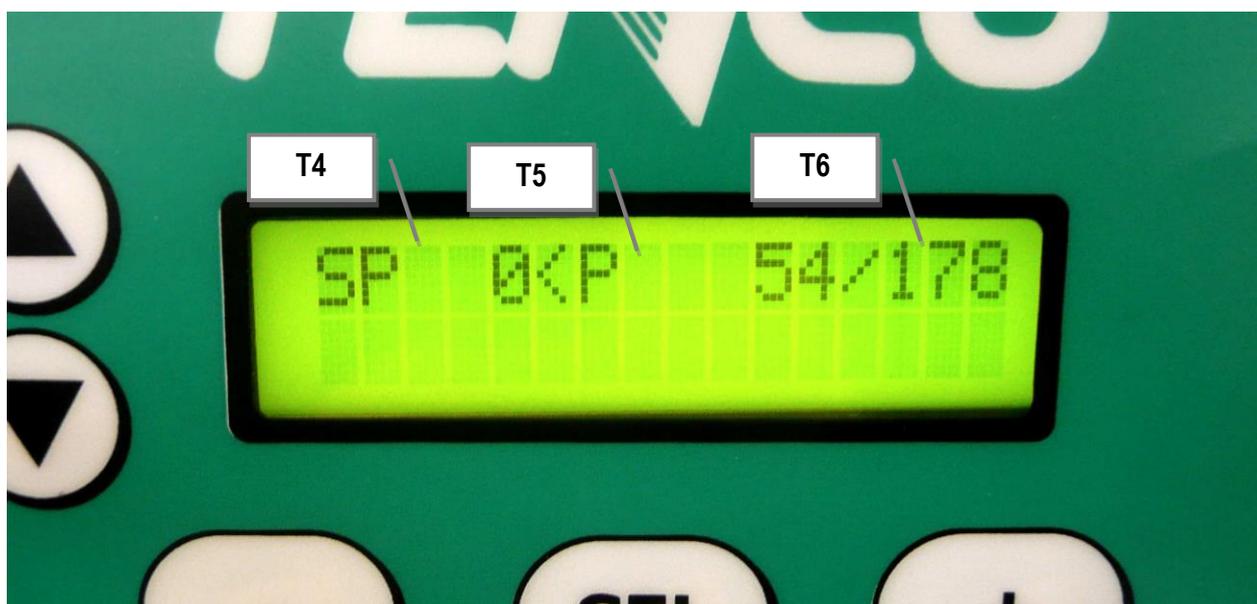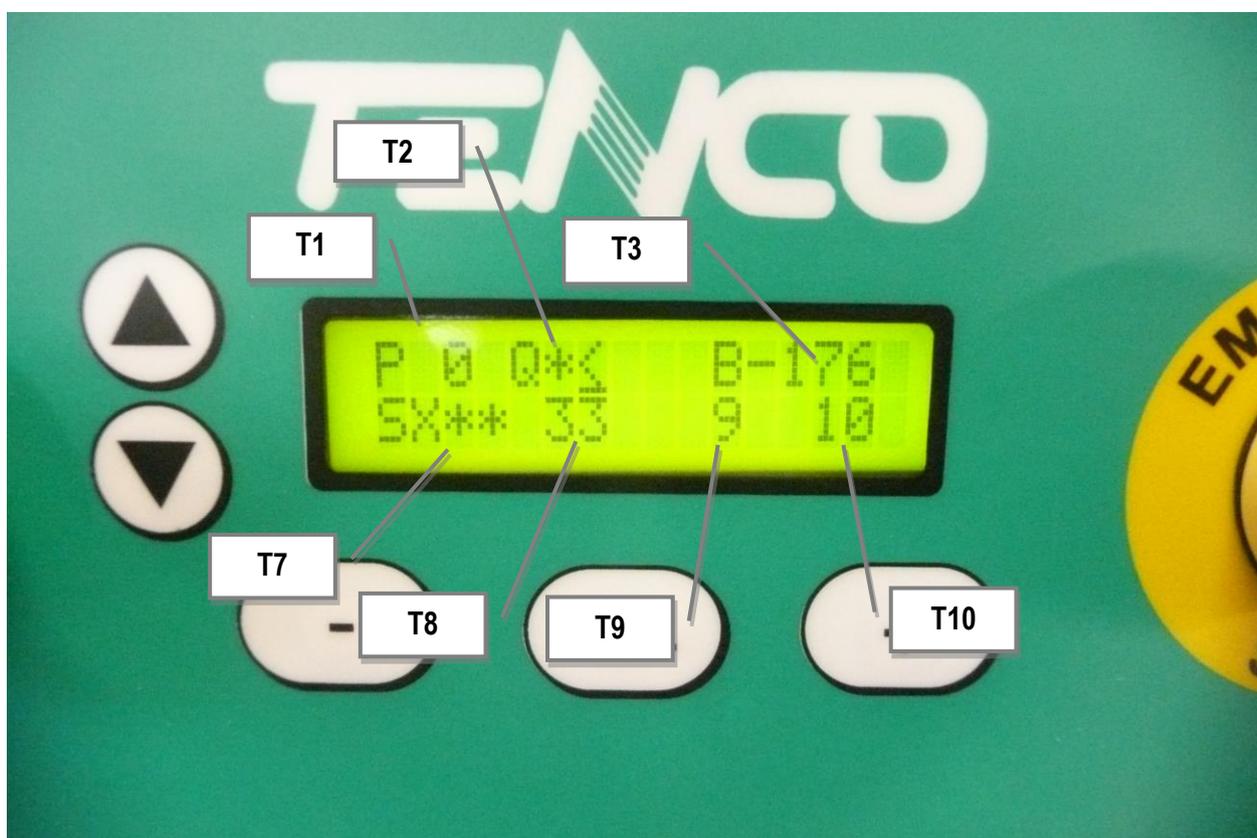
- Use the buttons ARROW UP/DOWN (ref. 4 and 5) for moving the cursor thorough the display sections.
- Use the SEL button for entering on a parameter to modify.
- Use the buttons +/- (ref. 1 e 3) for enable / disable the functions and increasing / decreasing a value.

ATTENTION: When the bottle counter reaches "0" the machine stops. For starting again press SEL

For visualizing the cursor, press SEL once or the UP/DOWN button.

8.02.01 FUNCTION **P, PARAMETER T1**

This funcion is used for selecting a program from 0 to 19. PARAMETER T1.
Move the cursor in correspondence of the letter P, press <**SEL**> and select the program number with the <**+/-**> buttons. For saving and exit press <**SEL**>. For each programs it is possible to set values and parameters related to a particular bottle or label format, as explained in the following sections.

8.02.02 FUNCTION **Q, PARAMETER T2**

This function enable / disable the cycle for square bottles. This function can be linked to a program number.

When the asterisk on the right of the letter Q is present, the square bottle cycle is active.

8.02.03 FUNCTION **B (**BOTTLE COUNTER**), PARAMETER T3**

For setting a new value move the cursor in correspondence ot the letter B, then press <**SEL**>, and act on the <**+**> button until reaching the required value. Save and exit by pressing the <**SEL**> button.
For each processed bottle the value decreases. Once the counter goes at "0" the machine stops. For continuing production set again a positive value.

8.02.04 FUNCTION **SP (SPOT DETECTION), PARAMETER T4**

This function activates the detection of a reference on the bottle (usually a notch on the bottom). The T4 value shown on the right of "SP" shows the minimum width of the reference to detect. The machine must be equipped with a dedicated photocell.

For activating this function, it is necessary to set a positive value.
For modifying this value, move the cursor in correspondence of the parameter. Press <**SEL**> for entering, and use the <**+/-**> button until reaching the desired value. Save and exit by pressing <**SEL**>.
If the value is "0" the function is disabled.

8.02.05 FUNCTION **P: PRINTING UNIT ENABLING, PARAMETER T5**

This function activates the printing unit (if installed on the machine).
For activating this function move the cursor in correspondence of the parameter P. Press <**SEL**> and use the '**+**' button in order to enable the function. An asterisk must appear. Save and exit by pressing <**SEL**>.

8.02.06 **HOT FOIL PRINTER TEMPERATURE, PARAMETER T6**

This values are related to the hot foil printing unit. The number on the left is the temperature detected by the sensor. The number on the right is the required working temperature. If the printing unit is active but the temperature hasn't been reached, the wording BASSA TEMPERATURA is shown on the display.

8.02.11 **SX: ENABLING THE LEFT LABELLING STATION, PARAMETER T7**

On the row of the wording "SX", there are a series of values that manage the functioning of the left labelling station.

For enabling the left labelling station, move the cursor in correspondence of the parameter SX. Press <**SEL**> for entering and use the button '**+**' until the asterisk appears. Save and exit by pressing <**SEL**>.

FRONT AND BACK LABEL APPLICATION
Enabling this function the machine applies two labels on a round container for each cycle. For achieving this condition the display must show two asterisks on the right of the wording SX.
For activating this function, move the cursor in correspondence of the SX parameter, press <**SEL**> and press the button '**+**' until two asterisks appear. Save and exit by pressing <**SEL**>.
NOTE: When the square bottle cycle is active just one label for each cycle is applied. It is not possible to apply two labels for each cycle. In this case, the second asterisk on the SX function, with printing unit enabled, manages the printer functioning. With one asterisk the printer work on every label applied. With two asterisks the printer works alternately (one label is printed over two).

On the picture above the machine is set on square bottle cycle with the printer working alternately.

T8

T9

T10
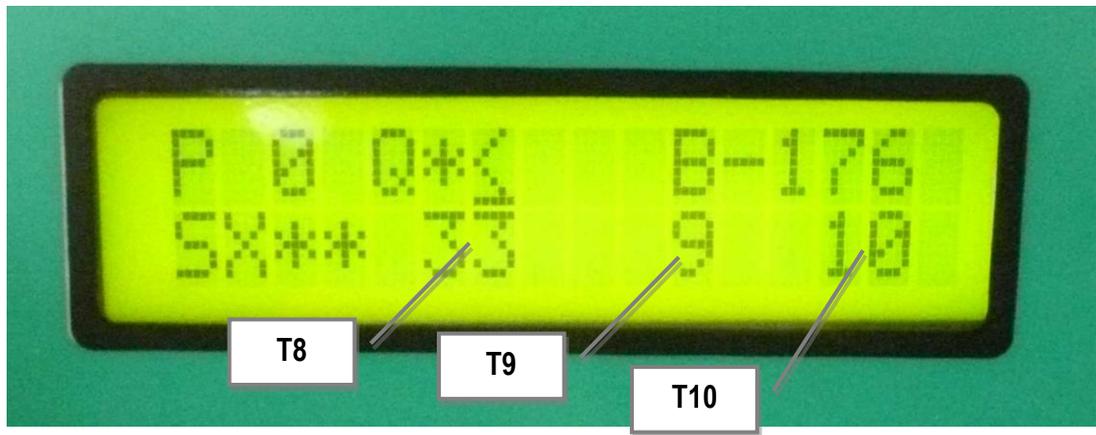
8.02.12 FUNCTION **T8**

This vaule determines the bottle rotation time, before the first bottle is defoiled. When working with square bottle, this value determines the delay of label application from the cycle start. This value allows to obtain the correct centering and positioning of the label on a square bottle.

For modifying this value, move the cursor in correspondence of the parameter. Press <**SEL**> for entering, and use the <+/-> button until reaching the desired value. Save and exit by pressing <**SEL**>.

8.02.13 FUNCTION **T9 (JUST WITH FRONT AND BACK LABEL APPLICATION ON ROUND CONTAINER)**

This value determines the delay of the second label application. It is used for obtaining a correct centering of front and back label. By increasing the value, the delay increases as well. The value can be recorded and related to a program number.

For modifying this value, move the cursor in correspondence of the parameter. Press <**SEL**> for entering, and use the <+/-> button until reaching the desired value. Save and exit by pressing <**SEL**>.

8.02.14 **PORTION OF LABEL PROTRUDING FROM THE BLADE**: PARAMETER **T10**

This function determines the portion of label protruding from the blade. We suggest to have a ¾ mm portion of label protruding.

For modifying this value, move the cursor in correspondence of the parameter. Press <**SEL**> for entering, and use the <+/-> button until reaching the desired value. Save and exit by pressing <**SEL**>.