



MEDICAL EQUIPMENT DIVISION

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Technician's manual

BABY S

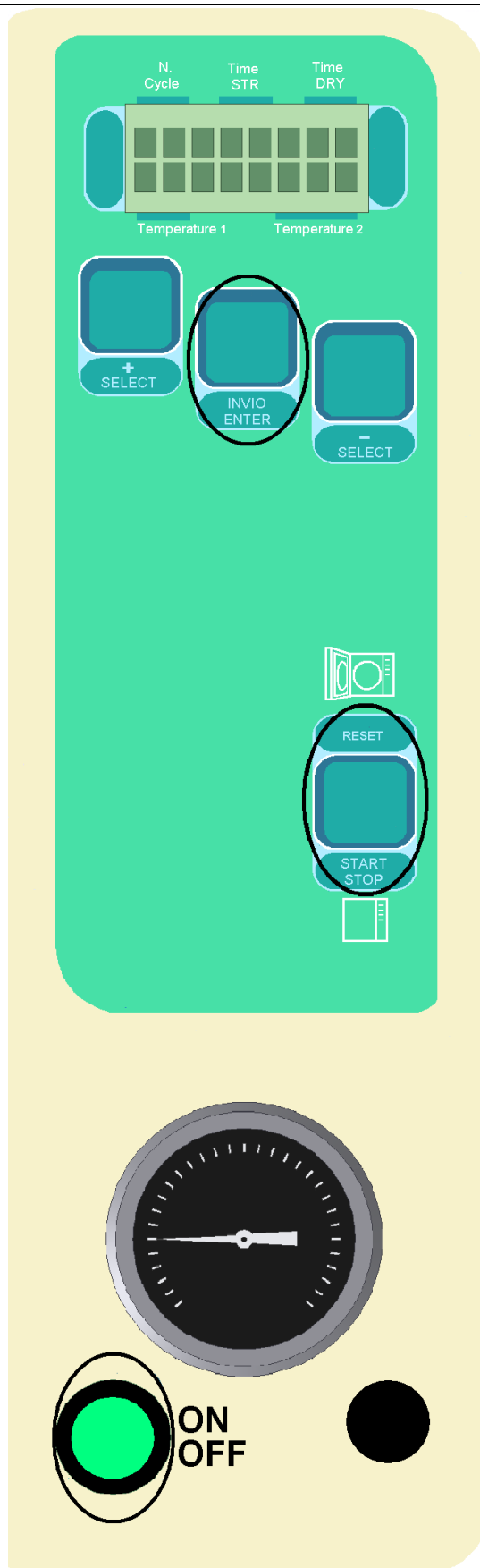
PRATIKA S VACUUM

AUTOCLAVE

ACCESSING TEST MODE

TEST

- 1) Machine off, door open.
- 2) Press and hold the ENTER and START buttons simultaneously and turn on the machine with the green ON/OFF button.
- 3) Once the machine is on, release the ENTER and START buttons simultaneously.
- 4) If the procedure has been performed correctly, the 230V actuators and the low voltage inputs will be shown on the 1st and 2nd rows of the display respectively.

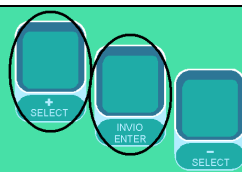


230V ACTUATOR TESTS

1 DISPLAY

s	c	a	r	i	c	o		Close the door. Press the INVIO/ENTER button to activate the NA solenoid valve.
1	2	3	4					

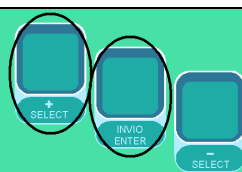
Press the SELECT + button to call up another actuator on the top row of the display.



2 DISPLAY

p	s	e	r	b	a	t	o	Press the INVIO/ENTER button to activate the red diaphragm pump and the chamber water inlet solenoid valve.
1	2	3	4					

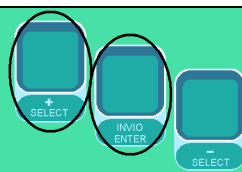
Press the SELECT + button to call up another actuator on the top row of the display.



3 DISPLAY

	e	v		s	u	p		Press the INVIO/ENTER button to activate the vacuum pump and the air outlet solenoid valve. On the BABY S model, only the air outlet solenoid valve is activated.
1	2	3	4					

Press the SELECT + button to call up another actuator on the top row of the display.



4 DISPLAY

	c	a	m	e	r	a		Press the INVIO/ENTER button to activate the chamber heater element. Check that the element heats up.
1	2	3	4					

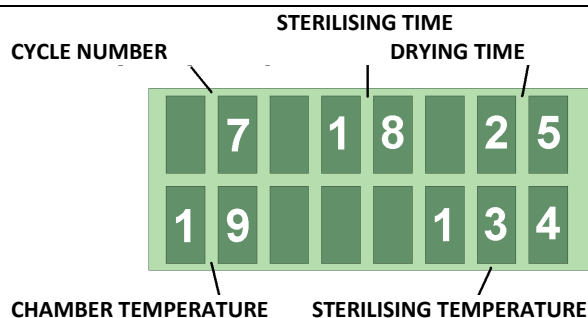
LOW VOLTAGE INPUT TESTS WITH DOOR OPEN

DISPLAY

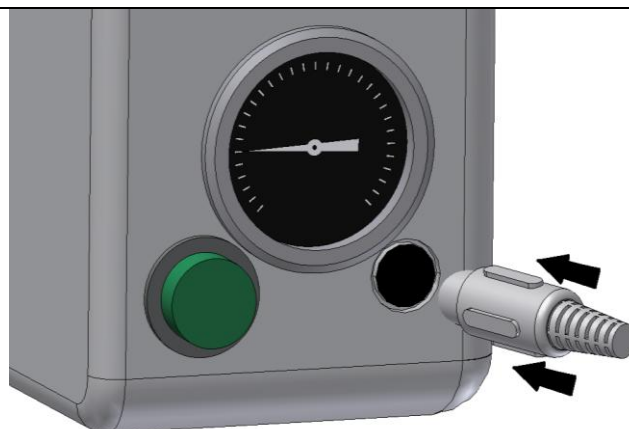
								1= Minimum tank level. 1= Maximum tank level. 3= Door microswitch 4= Pressure switch activated and correctly connected. The numbers on the second row are displayed if the level signals are absent or if the door is open. The numbers on the second row are not displayed (with the exception of number 4) if the signals are activated. Take particular care with number 3, as there are two separate microswitches. The first is a 230V switch which activates the NA solenoid valve, the second is a low voltage switch. The only means to check if this latter switch has been activated is to observe the second row of the display while closing the door.
1	2	3	4					

SETTING THE ELECTRONIC BOARD

With the machine off and the door open, press the main ON/OFF power switch.
Press the SELECT + button to select cycle 7.
At first the software release version is displayed, followed by the parameters illustrated.



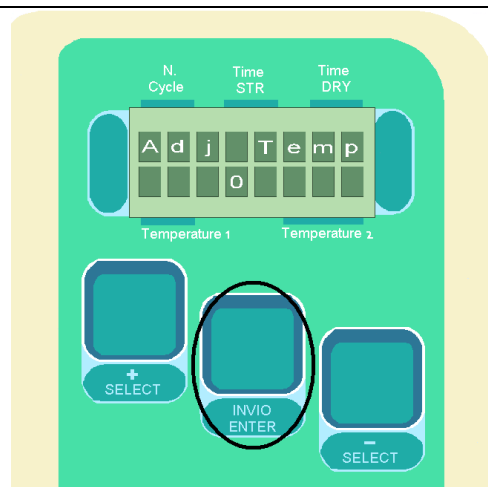
Turn off the main ON/OFF switch and connect the connector (code.....)



Turn on the main ON/OFF switch with the connector (code.....) attached to the printer socket (not the printer).



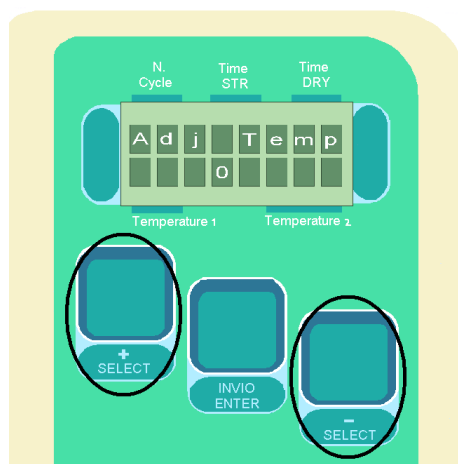
Press the INVIO/ENTER button. The script shown in the figure is displayed.
The first row displays the parameter name, while the adjustable value is displayed on the second row.



Press the + and – buttons to adjust the value (default value 0). This adjusts the autoclave operating temperature. Set negative values (-1, -2 etc.) to increase the operating temperature, set positive values (+1, +2 etc.) to decrease the operating temperature.

After setting the desired value, press the INVIO/ENTER button to access the next parameter.

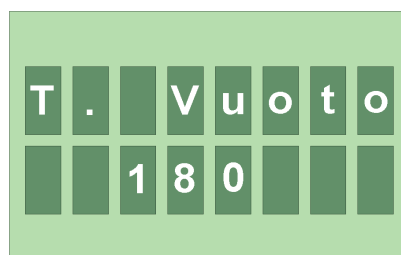
ADJUSTING TEMPERATURE



The script shown here is displayed. Press the + and – buttons to adjust the vacuum time in seconds (default value 180). For models with no vacuum pump, the default value is approximately 2. This procedure must only be performed with models equipped with a vacuum pump.

After setting the desired value, press the INVIO/ENTER button to access the next parameter.

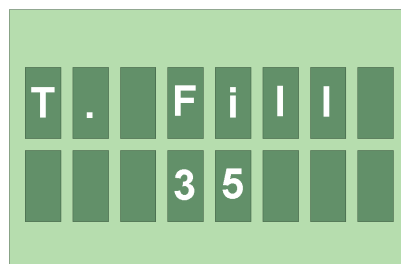
ADJUSTING VACUUM PRESET



The script shown here is displayed. Press the + and – buttons to adjust the time, in seconds, during which the diaphragm pump fills the chamber with water. The optimum value is usually 35 for the 16 litre chamber and 20 for the 7 litre chamber (BABY S).

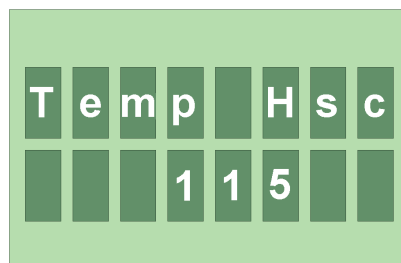
After setting the desired value, press the INVIO/ENTER button to access the next parameter.

ADJUSTING CHAMBER FILL TIME



The script shown here is displayed. Press buttons + and – to adjust the instrument drying temperature, regulating the heating element routed around the chamber, the vacuum pump and the solenoid valve connected to the pump. After setting the desired value, press the INVIO/ENTER button to access the next parameter. Parameters may vary for other models.

ADJUSTING DRYING TEMPERATURE



After making the required settings, remove the connector and turn off the machine with the ON/OFF switch.

SIGNIFICANCE OF FLASHING DOTS DISPLAYED DURING STERILISATION CYCLE WITH DOOR CLOSED

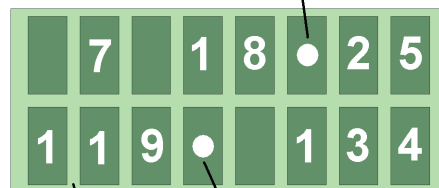
ATTENTION: PRESSURE SWITCH CALIBRATION PROCEDURE

The following conditions are necessary:

- New door seal.
- Door correctly adjusted.
- Chamber clean.
- Solenoid valves hermetically sealed.

The dot must be displayed between 112° and 117°, with relative printout (pressure switch activation point).

CHAMBER HEATING
FLASHES WHILE WAITING FOR PRESET TEMPERATURE



CHAMBER TEMPERATURE

TEMP/PRESS MONITORING PRESSURE SWITCH ACTIVATED

RESETTING MODIFICATIONS MADE

- 1) Machine off, door open.
- 2) Press and hold the INVIO/ENTER, SELECT+ and SELECT- buttons simultaneously and turn on the machine with the green ON/OFF button.
- 3) This procedure cancels all parameter modifications made and restores the default values.

