Priorclave North America

Supplement and addendum to operating instructions Models fitted with Tactrol 3 control system.

Whilst identical in appearance to previous models, your autoclave is now fitted with the new Tactrol 3 control system. From the users perspective the behavior of the system is near identical to previous versions, but the system is faster and more responsive. Many new features are available with the new system, each of which will be accompanied by individual operating instructions.

Following are details of the few areas in which operation deviates from the previous operating instructions.

The user accessible menu, for accessing features such as delayed start, and clock adjustment has been changed:

To access these settings turn & hold the thermal lock key in the override position. Press the time up or down keys. Release the thermal lock key. 1 is displayed on the temperature display, by default zero will displayed on the time display. The temperature display now shows the number of a list of operating parameters, the value for the parameter is shown in the time display. Scroll through the list of available parameters using the temperature up/down keys.

After no keys are pressed for eight seconds the display returns to normal.

Delayed start

The autoclave can be set for the cycle to start after a pre-programmed delay, for example to allow a media preparation cycle to complete shortly prior to the start of the working day. Setting the value of parameter 1 to 1 in the time display switches delayed start on.

Parameter 2 sets the hour of day for cycle start, parameter 3 sets the minutes. The time is set in real time, therefore the clock has to be correctly set or this to work properly.

After one delayed start operation, delayed start automatically switches off, and the autoclave returns to normal operation.

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Print interval

During the sterilization dwell time the printer will output data at an interval specified in parameter 3. The interval time is set on the time display in minutes. Setting the interval time to 0 disables the printer.

Clock settings

Scroll the temperature display to 4, the currently set year is displayed on the time display. Scrolling up the temperature display shows 5 = month 6 = date 7 = hour 8 = minutes 9 = seconds. The values shown in the display are the current system values, so it is possible to check the current system time.

Scroll back up to parameter 1 to confirm the new or current time settings.

Display remaining freesteam time

Pressing the freesteam button when a cycle is running, or the keyswitch is not in position 3 causes the set, or remaining freesteam time to be displayed in the time display. The display flashes whilst the freesteam time is being displayed.

Display load sense probe temperature

For programs with load sensed process timing selected/enabled, pressing the load sense button when a cycle is running, or the keyswitch is not in position 3 causes the current load probe temperature to be displayed in the temperature display. The display flashes whilst the load probe temperature is being displayed.

Recovering from a power failure

If the power is interrupted during the cooling stage the cycle continues from where it left off, power fail is just printed via the printer if fitted, along with the time that the failure occurred.

For safety reasons this is not applied to vacuum cooling and drying cycles.

Door microswitch fault

If a door microswitch opens during a cycle fault code F012 is displayed. This is cleared in the usual way by means of the setting lock keyswitch.

Clearing faults

These now clear on turning the keyswitch into position 3 rather than having to turn 3, then back again.

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