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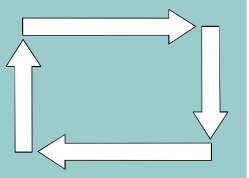
Operator Guide—

E-P OneTouch Controls



Read the **separate safety manual** before installing, operating, or servicing

PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063 - 0400, U.S.A.

Applicable Milnor® products by model number:

30010G5E 30015G5E 30015T5E 30022T5E MWR09E5- MWR12E5- MWR18E4-

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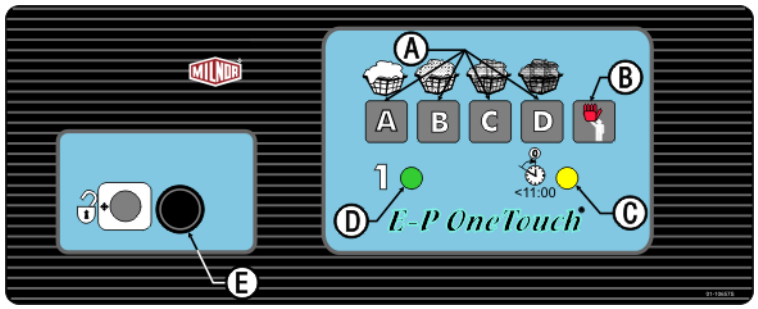
Chapter 1
Description of Controls

BICEUF04 (Published) Book specs- Dates: 20080219 / 20080219 / 20080219 Lang: ENG01 Applic: CEU

1.1. E-P OneTouch® Controls

Figure 1: E-P OneTouch® Controls

Control Panel	Legend
	**A.** *Formula Selection* buttons **B.** *Terminate* button **C.** *Last Rinse* light **D.** *In Progress* light **E.** *Door Unlock* button

1.1.1. *Formula Selection* Buttons

The E-P OneTouch® controller provides four formulas. Start the desired formula by loading the machine, closing the door, and pressing a *Formula Selection* button.

Consult with your chemical supplier for the specific formula to use with each type of goods being processed.

1.1.2. *Terminate* Button

The *Terminate* button ( ) ends a formula. You can not resume a terminated formula.

1.1.3. *Last Rinse* Light

This light comes on during the last bath step and remains on until the formula ends. Add any chemical required during the last bath, such as softener, as soon as this light comes on. This light also alerts the operator that the machine will soon be ready for unloading.

If an error occurs during a formula, this light and the *In Progress* light flash slowly for 10 minutes. After 10 minutes, both lights go off. The error can be in the door lock circuit or the inverter. All machine controls lock out for 75 seconds. To open the door after an error, press the *Terminate* button ( ) to clear the error condition, then hold the *Door Unlock* button ( ) and open the door.

1.1.4. *In Progress* Light

When the machine is powered, this light flashes to indicate that the power-up delay timer is running. The light goes off when the power-up delay expires.

This light comes on when a formula starts. It remains on until the formula ends.

If the operator terminates a formula, this light flashes as the coast timer counts down. When the light goes off, hold the *Door Unlock* button () and open the door.

1.1.5. *Door Unlock* Button

This button activates a solenoid in the door latch which unlocks the door latch handle, allowing the operator to open the door. For safety, the machine disables this button when a formula starts.

The *Door Unlock* button is disabled until the coast timer counts down.

— End of BICEUF04 —

Chapter 2
Normal Operation

BICEUO03 (Published) Book specs- Dates: 20080219 / 20080219 / 20080219 Lang: ENG01 Applic: CEU

2.1. E-P OneTouch® Operation

2.1.1. Instructions for Normal Operation

2.1.1.1. Load the Machine

1. If the loading door is closed and latched, hold the *Door Unlock* button ( ) to unlock the door while operating the door latch with the other hand. If the door does not unlock, verify that the machine is connected to power and that the wall disconnect is functioning properly. The machine must have power available to unlock the door.
2. When the door opens, load the machine according to plant guidelines and Section 2.2. “Determining Load Size”.
3. Close the door firmly.

2.1.1.2. Start a Formula

2.1.1.2.1. After a Completed Formula (Normal)—If the previous formula finished normally, simply press the button that matches the formula you want to run. The selected formula will start immediately if the door is closed. The *Formula Running* light ( ) illuminates and the door locks immediately, and the machine fills with water. Once the door is locked, the operator must end the formula early (see Section 2.1.2) or wait for the formula to finish before opening the door.

2.1.1.2.2. After Opening the Door during a Formula—If you ended the previous formula early by opening the door, you must press the *Terminate* button ( ) before you can start the machine again. The *Terminate* button also clears any internal machine error that might have caused the formula to end early.

2.1.1.3. Unload the Machine—When the formula ends, the *Formula Running* light ( ) goes out. Hold the *Door Unlock* button ( ) to unlock the door while operating the door latch with the other hand.

2.1.2. How to End a Formula Early

You can end any running formula by pressing the *Terminate* button ( ) on the control panel. A safety delay keeps the door locked for 75 seconds. When the *In Progress* light goes off, hold the *Door Unlock* button ( ) to unlock the door while operating the door latch with the other hand.

To resume operation, restart the formula from the beginning by pressing the desired *formula button*.

— End of BICEUO03 —

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2.2. Determining Load Size

Putting **too much** linen into a properly designed laundry washer-extractor will not **overload** the machine to its mechanical or electrical detriment if these guidelines are followed:

1. The goods consist of typical cotton and/or synthetic fabrics normally encountered in commercial laundering operations.
2. The load is not so bulky as to prevent a reasonably balanced distribution prior to the onset of extraction.
3. The extract speed has not been increased above the designed maximum.
4. The total number of intermediate and final extractions do not exceed the designed maximum for the extract motor.

Thus, the *maximum soiled linen capacity* for any properly designed washer-extractor is essentially limited by the amount of soiled goods that can actually be placed in the cylinder.

The maximum weight of soiled goods that a washer-extractor cylinder will accept depends on the following factors:

- the internal volume of the cylinder (the space into which the goods can be placed), and
- the density (weight and bulkiness) of the specific goods

For example, many polyester-cotton fabrics have relatively low weights for their bulk so one should rarely expect to be able to put in a published maximum capacity load of such fabrics. In fact, published maximum capacities of machines based on the now generally accepted industry standards will usually be achieved only with the highest density, closely woven fabrics and a reasonable soil content.

The best load size depends on the size of the machine—plus the type of goods, soil content, and wash quality desired. Since the latter factors vary considerably, prior experience and/or experimentation generally yield the best results. Use these guidelines:

1. Overloading a washer-extractor will not increase production because longer wash formulas and more rewash will be required.
2. Avoid underloads because the inevitable greater extraction imbalance will cause more extract re-cycles and may stress the machine unnecessarily.

— End of BIWUUO01 —

Chapter 3
Troubleshooting

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3.1. Troubleshooting Errors

3.1.1. Vibration Switch Tripped

If the machine vibrates excessively during extract, a vibration switch ends the extract step and starts the subsequent coast step. The formula then continues normally.

3.1.2. Door Open

WARNING 1: Entangle and Sever Hazards—Cylinder door interlock—Operating the machine with a malfunctioning door interlock can permit opening the door when the cylinder is turning and/or starting the cycle with the door open, exposing the turning cylinder.

- If the basket continues to turn when the door is open, stop using the machine immediately and contact an authorized maintenance person.

The machine will operate normally as long as the door is closed. If the door opens, the machine stops. For safety, all machine controls are disabled for 75 seconds after the door opens.

If the door opens while the machine is operating, the *In Progress* light and the *Last Rinse* light flash. Both lights flash *on* for two seconds, then turn *off* for two seconds, repeating for 10 minutes. After 10 minutes, the lights remain off.

To start the machine again:

1. press the *Terminate* button ( ) to recover from this error,
2. **ensure that the door is securely closed**,
3. then start the formula again.

3.1.3. Door/Inverter Fault

This error indicates one of three conditions:

- the operator selected a formula before closing the door,
- the door opened while the machine was operating, or
- the inverter sensed a fault during operation.

3.1.3.1. Door/Inverter Fault Before a Formula Starts—You must close the door before selecting a formula. If the door is open when you press one of the *Formula Selection* buttons, the controller recognizes an error condition.

1. The controller prevents further operation for a safety delay period of 100 seconds.
2. If you close the door, the *In Progress* light and the *Last Rinse* light flash simultaneously.
3. After the safety delay period, the lights continue flashing until the you press the *Terminate* button ( ) to clear the error.
4. The lights stop blinking after 10 minutes unless you clear the error. The error is cleared only when you press the *Terminate* button.

3.1.3.2. Door/Inverter Fault During Operation—As when the door opens during a formula, the microprocessor signals the error by flashing both the *In Progress* light and the *Last Rinse* light simultaneously. Both lights flash *on* for two seconds, then *off* for two seconds, repeating for 10 minutes. After 10 minutes, both lights remain off.

For safety, all machine controls are disabled for 100 seconds after the error occurs. To open the door after this error:

1. You must first wait 100 seconds until the controls are enabled.
2. When the controls are enabled, press the *Terminate* button ( ) to clear the error.
3. Finally, hold the *Door Unlock* button ( ) and unlatch the door.

If the error happens again after you close the door, contact an authorized maintenance person.

— End of BICEUT04 —