

Operating Instructions for Morse AUTO-310 Option
Automatic Control Package for Tilt-To-Load Drum Tumblers
Serial Number 245345



Control Panel



Hydraulic Manifold

Operating Instructions

1. Adjust the timer: using the small buttons on the timer, set the desired time of rotation to the nearest tenth of a minute.
2. Press the green "START" button to begin the cycle:
 - a. The drum holder will rise to the top position
 - b. Start the slow speed rotation for about 5 seconds
 - c. Rotate at the high speed setting (The high speed setting is adjusted using the black knob on the top of the hydraulic manifold – see image above. If the black knob is turned fully clockwise, the drum will rotate at full speed. As the black knob is turned counterclockwise, the high speed setting is lowered.)
 - d. Stop rotating after the preset time has been reached
 - e. Lowers back to the floor in the upright position.
3. If at any time the operator needs to stop the rotator, the red emergency stop or the red "STOP" button can be pressed and the rotation will stop. One of two actions can then be performed:
 - a. To restart rotation from that point, press and release the black "RECOVERY" button, then press the green "START" button to restart the rotation from the point it was stopped and rotate until the end of the timer cycle.
 - b. To reset the rotator to the beginning of the cycle, without waiting through the timer cycle, press and hold the black "RECOVERY" button until the drum holder comes to rest on the floor.
4. If the safety switch interrupts the process by opening the gate on a safety enclosure, for example, follow step 3 to recover after closing the gate.