

Changing the operating mode involves the steps below.

Note: Software prior to version 2.22 does not have the alternate operating modes enabled. Return board to factory for software update. The software version is stamped on the lower left corner of the board.

Change Mode jumper position table

Mode	J3 (unmarked)	J2 (Run/Test)	J4 (Over/Under)	J5 (Range select)	Speed Adjust Control	Delay Time Control
1 - Normal operation	Jumper	Test	Under	Jumper 300-3600	Any Position	Any Position
2 - No missing head detection	Jumper	Test	Under	Jumper 60-300	Any Position	Any Position
3 - Inverse relay operation	Jumper	Test	Over	Jumper 60-300	Any Position	Any Position
4 - 120 second startup delay	Jumper	Test	Over	Jumper 300-3600	Any Position	Any Position
5 - 60 second startup delay	Jumper	Test	Under	Jumper 15-60	Any Position	Any Position
6 - No missing head, inverse	Jumper	Test	Under	Jumper 15-60 and 300-3600	Any Position	Any Position

Change operating mode instructions:

1. Disconnect AC power from board.
2. Set jumpers and controls as shown in above table. NOTE: Jumper for J3 is stored on the bottom of J1. Be sure to return it to the same position when recalibration is completed.
3. Apply power to board for 10-15 seconds.
4. Disconnect power.
5. Remove jumper from J3. Store it on the bottom two pins of J1 (closest to R2).
6. Install jumper on J2 Run position.
7. Install jumper on J4 for either overspeed or underspeed operation as required.
8. Install jumper on J5 for appropriate speed range, 15-60, 60-300, or 300-3600.
9. Rotate time delay control to desired startup delay time.
10. Power board and operating equipment, adjust speed adjust control per instructions in the operation manual.

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