Kodak

Magnus VLF MCU

Programming the Table Bottom Slip Sheet Sensor

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Programming the Table Bottom Slip Sheet Sensor

1. OVERVIEW

This procedure describes how to program the table bottom slip sheet sensor and will take one person a maximum of 30 minutes to complete. The sensor is located on the MCU side of the Magnus VLF device



To program the sensor you will need the following:

- A small plate, or a piece of a plate, with the dullest aluminum side that you can find.
- The brightest (or whitest) piece of slip sheet that the customer uses.



2. PREPARING FOR PROGRAMMING

1. Open the SSR front door and pull the SSR bin out. Close the front door again.
2. At the back of the device, raise the SSR top cover and open the SSR rear door.
3. Lower the drop down panel to get access to the holes in the panel above the bottom slip sheet sensor. One of the holes will be for access to the sensor button and the other will be above the sensor mirror for sensing plates and slip sheets.



The yellow button on the sensor is to put the sensor into programming mode and to save readings while in programming mode. When the sensor is in programming mode, a green LED on the sensor will flash.



Note: The sensor only stays in programming mode for 5 seconds before timing out. All readings must be taken while the sensor is in programming mode.

4. Have the plate and slip sheet ready to be placed over the sensor once the programming mode has started.

3. PROGRAMMING THE SENSOR

Use a flashlight to see inside the access holes and use a long hex key to press the yellow button when programming.

Note: All of the following steps must be done within 5 seconds of starting the programming mode.

1. Press and hold the yellow button on the sensor for about two seconds or until the green LED starts to flash.
2. Place the slip sheet and the plate over the sensor with the slip sheet facing the sensor. **Note:** It is important to use both the plate and slip sheet to properly simulate regular operation.
3. Press the yellow button for half a second to save the slip sheet reading.
4. Quickly remove the slip sheet so that only the plate is over the sensor.
5. Press the yellow button for half a second again to save the plate reading.
6. Wait for the green LED to go off before removing the plate.

4. CHECKING THE SENSOR

1. With the sensor uncovered, type >>`scan lt_sensorssunderside`. The sensor should read **1**.
2. Cover the sensor with the dull plate sample and type >>`scan lt_sensorssunderside`. The sensor should read **0**.
3. Cover the sensor with the slip sheet and the plate sample with the slip sheet facing the sensor and type >>`scan lt_sensorssunderside`. The sensor should read **1**.

Table 1

Slip sheet Sensor	Reading on the Diagnostic Monitor
Covered by plate only	0
Covered by both slip sheet and plate	1
Uncovered	1

4. Reset the Magnus VLF device and check the sensor readings again. The readings should be the same as before, as shown in Table 1. If the readings are not the same, then the sensor is not saving the programmed values and must be replaced.
5. Raise the SSR drop down panel, close the rear door, and lower the SSR top cover.
6. Put the SSR bin back in place and resume normal operation.