

# CARD READ SENSOR CALIBRATION INSTRUCTIONS

## FOR

## MODEL ATT 310

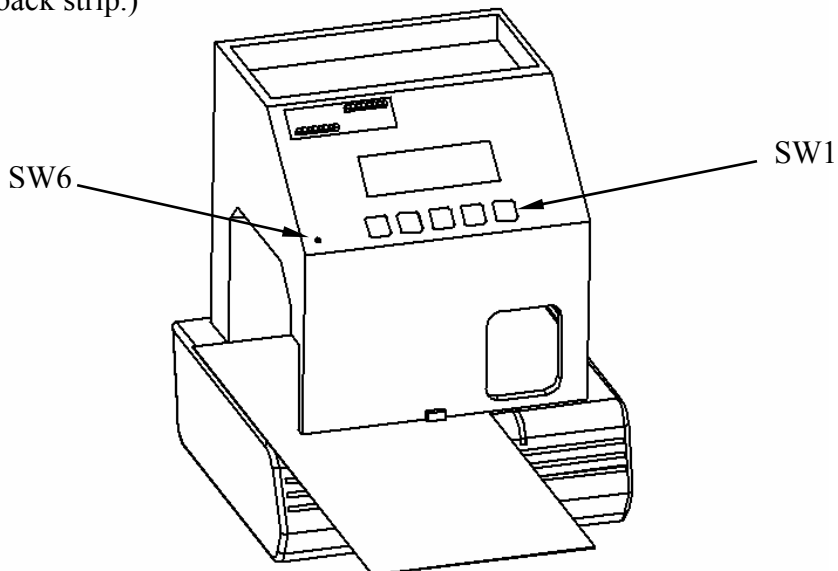
The sensor in the Model ATT 310 will need to be re-calibrated when the following criteria are met.

If unit:

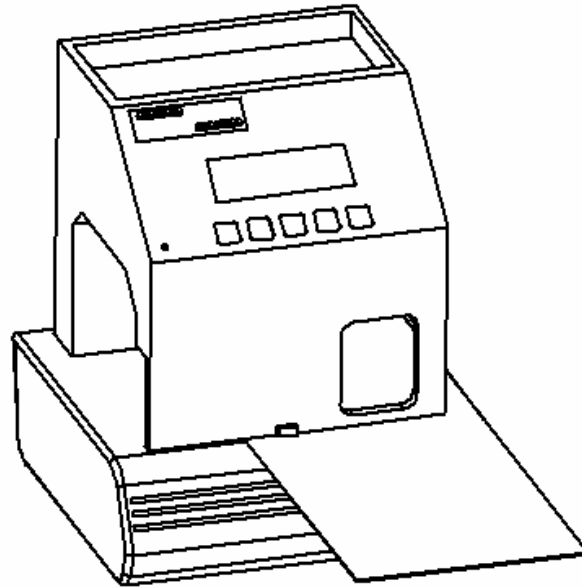
- 1) Misreads cards
- 2) Rejects cards
- 3) The card read sensor board is changed
- 4) The control board is damaged or is disconnected from the driver board

**To re-calibrate the sensors if a unit is misreading or rejecting cards and the control board is not to be removed from the unit, please follow the instructions below:**

- 1) With the unit plugged in, remove the top case of the clock.
- 2) Push the reset switch (SW6) on the control board. The print head will cycle and the unit emits a beep and the display will read 12:00.
- 3) Turn on all 8 DIP switches on DIPSW2.
- 4) While holding down switch SW1, push the reset switch (SW6) once.
- 5) As soon as the LCD display comes on, release SW1. At this point, the display will show 12:00, but the print head will not cycle and there will be no beep.
- 6) Use the ATT 310 time card number S103.
- 7) Insert the **TOP EDGE** of the card into the ATT 310 so the large black strips are facing down and the left edge of the card is flush with the left side of the clock base. The ATT 310 will beep twice if it reads the stripe correctly. If it does not read it correctly, it will beep once. (This step has calibrated the unit for the back strip.)



- 8) Next, turn off all the 8 switches on DIP SW2 and turn on all 8 switches on DIP SW1. Insert the time card with the black stripes facing down and the right edge of the card flush with the right side of the clock base. If it reads correctly, it will beep twice. If not, it will beep once. (This step calibrates the ATT 310 for the blank area of the card)



- 9) Once the unit has accepted the blank area of the card, **PRESS THE RESET SWITCH ONCE**
- 10) Turn off all 8 switches on DIPSW1

**This completes the re-calibration where the control board has not been removed or replaced**