

EC2000 Cleaning Procedures

The following section is provided to assist in basic cleaning procedures for the Unit. This section is not intended for regular maintenance or repair of the Unit.

Bar Code Scanners

As a general rule, the bar code scanner option should require very little cleaning. Both the 1D and 2D scanner components are enclosed to minimize effects from the environment.

The primary item requiring cleaning is the scanner lens. The lens prevents access to the scanner laser or image engine. The lens can become dirty from dust from the environment and be smudged by operators touching the lens.

To clean the lens, use a soft non-abrasive/lint free cloth and wipe the lens area (refer to the Troubleshooting section for diagrams of the 1D and 2D lens locations).

DO NOT use a cloth soaked in any cleaning agent. Some cleaning agents can attack the plastic lens material and cause it to become cloudy instead of transparent. Using an abrasive cloth can scratch the lens, and a cloth that is not lint free may cause more material to be collected on the lens than what was originally present.

ATB MAG Reader

When cleaning the Unit's ATB MAG Reader, the only acceptable cleaning solution is 99% Isopropyl Alcohol.

NEVER use a water based solution to clean the Unit's rollers or read heads. Some water based solutions can damage the rubber elastomer on the rollers. Be very cautious about cleaning pouches like the ones used to clean PC screens. The solution for these type of cleaning pads is most likely 50% water and 50% Isopropyl Alcohol and is unacceptable.

The easiest way to clean the ATB MAG Reader is to use a Unimark approved ATB cleaning card (P/N 700-5014-000, -200 or equivalent). Unimark ATB cleaning cards are presoaked in a solution of 99% Isopropyl Alcohol.

To clean the ATB MAG Reader option:

1. Locate the EC2000 Unit and make sure it is powered on and ready to accept an ATB coupon
2. Tear open the ATB cleaning card pouch
3. Insert the cleaning card just as though it were an ATB coupon to be read
4. Flip the card over and reinsert the cleaning card again
5. Repeat a couple more times

Note that the cleaning card will dry out very quickly with 99% Isopropyl Alcohol. Do insert the cleaning card dry.

Receipt Printer

Turn the Unit off before attempting any cleaning procedure on the receipt printer.

Use a cleaning solution of 99% Isopropyl Alcohol and a lint free cloth or swab.

NEVER use a water based solution to clean the printers platen roller. Some water based solutions can damage the Platen.

Open the access door on the Unit and flip the cutter mechanism down.

Flip the green print head position lever and release the print head free from the platen roller. Use the green knob and rotate the platen roller looking for pieces of label stock. Clean the platen roller using the cleaning solution and cloth or swab.

Using the green lever, flip the print head back against the platen roller.

Check the cutter mechanism for pieces of label stock. Wipe the mechanism with a list free cloth or swab. It is not recommended to use any kind of cleaning solution on the cutter mechanism.

If the cutter blade is not in the lower (home) position or appears to be stuck, you may use the gear knob in the front of the cutter (identified by an up and down arrow) to manually move the blade. Rotate the gear knob using a small flat blade screwdriver. When the Unit is powered on, the cutter should automatically reset to the home position.

Note that the knob is geared so that you must turn it many turns to move the blade only a very slight amount.