

## Daily Cleaning Instructions: KL30

Clean the following components at least once daily. Clean more frequently if your pharmacy dispenses many dust-generating medications or if you experience counting errors. Follow the instructional video directions shown on the screen and in this guide to clean the KL30.

Materials: Distilled water or 70% alcohol, lint-free cloth or paper towels, canned air, computer screen cleaner. Do not use facial tissue, cotton balls or cotton swabs.

Before starting, turn off and unplug the unit.

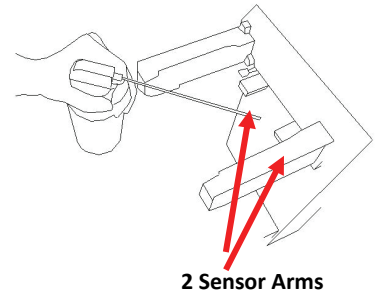
### 1. Top Funnel

- Remove the top funnel and channel from the unit.
- Clean outside and inside thoroughly with water or alcohol.



### 2. Counting Sensor Arms

- Make sure the KL30 is turned off before proceeding.
- Quickly dedust the inside edge of each sensor arm with canned air.
- IMPORTANT:** Keep the canned air upright. Spraying while the can is sideways or upside down may spray condensation on the sensor arms.
- Occasionally wipe sensors with a water-dampened cloth (not alcohol). Wipe sensors dry to remove streaks.

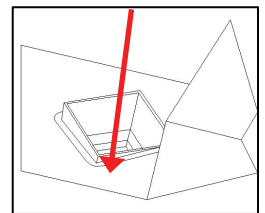


### 3. Glass Detector Windows

The unit's counting sensors are located behind four glass windows inside the square funnel hole. **Most counting errors are caused by pill dust accumulating on the edges and corners of the windows. Clean the windows well.**

- Wipe off excess pill dust on the glass windows with a **dry** lint-free cloth.
- Wet a clean cloth with water or alcohol and clean the inside of the four glass windows thoroughly to remove all remaining dust and residue. Carefully wipe back-and-forth, not up-and-down. Do not press hard as this may break the glass windows.
- Wipe glass windows dry with clean cloth to remove streaks.

4 Detector Windows

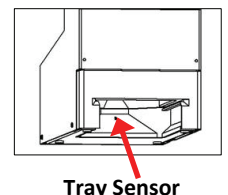


### 4. Counting Tray

- Carefully remove the clear plastic tray cover. Clean all parts thoroughly with a water-dampened cloth (not alcohol). Wipe dry. Replace the tray cover.
- Turn the tray over, wipe silver sensor strip with a water-dampened cloth (not alcohol).

### 5. Tray Sensor

- (Located on the bottom of the unit in back of the counting tray.) This sensor detects the tray's silver sensor strip, telling the unit the tray is properly seated.
- With the counting tray removed, you can access the tray sensor. Clean with a water-dampened cloth (not alcohol).



Note about the use of mild soapy water versus isopropyl alcohol: Mild soapy water and alcohol both provide appropriate sanitary cleansing. Water leaves fewer streaks on a Kirby Lester device's inside glass sensor windows than alcohol. If streaks are found after cleaning, use just water and wipe dry. In general, prolonged alcohol exposure causes faster wear-and-tear on plastic.

### 6. Cleaning and Troubleshooting

<b>Problem or Error Message</b>	<b>Possible Solution(s)</b>
"Shut Down and Cleaning Needed"	Clean glass detector windows thoroughly. If error persists, contact Service.
"Cleaning or Repair Needed"	Clean glass detector windows thoroughly. If error persists, contact Service.
Count quantity jumps to 256	Clean glass detector windows thoroughly. If error persists, contact Service.
"Please Insert Tray"	Fully insert counting tray; clean tray sensor window (damp cloth, not alcohol); replace silver sensor strip. If error persists, contact Service.
Cassette continues to jam, even after clearing any broken tablet	Clean cassette with canned air; slow down counting speed of the cassette. If error persists, contact Service.

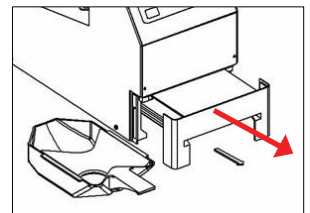
### 7. As Needed: Cleaning the Screen and Fingerprint Scanner

- A. Touch Screen – carefully clean with a non-ammonia glass cleaner or a computer screen cleaner and a clean, lint-free cloth. Do not spray directly onto the screen. Instead, spray onto the cloth first.
- B. Fingerprint Scanner – apply the sticky side of a piece of adhesive cellophane tape on the finger pad and peel away.

### 8. As Needed: Cleaning the Exit Front

Periodically, the exit front may need cleaning to clear the counting tray's guide tracks.

- A. To remove, hold the exit front at both sides and pull firmly so that it releases from its locked position. Slide the exit front out.
- B. Clean the guide tracks and exit front with alcohol and cloth. Dry thoroughly.
- C. To replace the exit front, slide it back into the machine until it locks in position.



### 9. Customize Onscreen Cleaning Reminders

You can customize the automatic cleaning reminder function of your unit. See the KL30 operating manual for full instructions on making these adjustments:

- Turn the cleaning checklist off
- Change the frequency of the cleaning reminder (default 150 scripts)
- Add medications that automatically trigger a cleaning reminder (e.g., sulfa)

### 10. Questions or Problems

Please contact Kirby Lester Service at 800.243.2465 or [service@kirbylester.com](mailto:service@kirbylester.com).