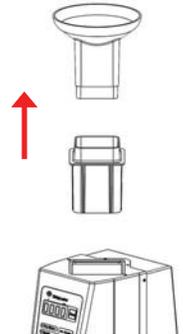# Daily Cleaning Instructions: KL1 (Clear Top Funnel)

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.

Materials: 70% isopropyl alcohol or mild soapy water (e.g., dish soap), lint-free cloth or paper towels. Do not use facial tissue, cotton balls or cotton swabs.

Before starting, turn off the unit and unplug it.

1. Funnel
   A. Remove the funnel and channel from the unit.
   B. Clean outside and inside thoroughly with mild soapy water or alcohol.

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

   A. Wipe off excess pill dust on the four windows with a **dry** cloth.

   B. Wet a clean cloth with mild soapy water or alcohol and clean the four windows thoroughly to remove all remaining dust and residue. Wipe back-and-forth, not up-and-down. Do not press hard as this may break the windows.

   C. Wipe glass windows dry with clean cloth to remove streaks.
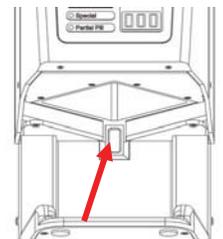
Glass Detector Windows

3. Counting Tray
   Clean thoroughly with mild soapy water. **Do not** use alcohol.

4. Tray Sensor
   Located on the KL1-a behind the counting tray when the tray is fully inserted. This sensor tells the unit that the tray is properly seated. With the tray removed, clean the sensor window with water. Wipe dry to remove streaks.

Tray Sensor

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 than alcohol on a Kirby Lester device's inside glass sensor windows. If streaks are found after cleaning, use just water and wipe dry. In general, prolonged alcohol exposure causes faster wear-and-tear on plastic.

5. Cleaning and Troubleshooting

Problem or Error Code	Probable Cause	Possible Solution(s)
E-1, E-9, O-S or unit counts by itself	Glass detector windows contain dust, residue or are cracked.	Clean glass detector windows thoroughly. Send unit in for repair if glass detector window is cracked.
Overcounts (more counted than poured)	Glass detector windows contain dust, residue or are cracked. Or pill fragments were poured through.	Clean glass detector windows thoroughly. Send unit in for repair if glass detector window is cracked. Remove pill fragments.
Undercounts (fewer counted than poured)	Pouring too fast, or pouring tablets directly into the funnel hole.	Slow pouring speed so the "Pour Slower" indicator does not activate.
Display flashes "----" instead of "0000" with tray pushed in	Tray not fully inserted. Tray sensor window is dirty.	Fully insert tray. Clean tray sensor window.
Display reads "0000" even though counting tray is not fully inserted	Tray sensor is dirty or damaged.	Clean tray sensor window. Send unit in for repair if tray sensor is damaged.

6. Questions or Problems

Please contact Service at 800.243.2465 or techsupport@capsahealthcare.com.