



# KIRBY LESTER AUTOMATION SECURE ROBOTIC DISPENSING



CAPSAHEALTHCARE

 **KirbyLester**  
Automation by Capsa Healthcare

**Kirby Lester KL108**  
Secure Robot



# Kirby Lester KL108

## Secure Robotic Dispenser

Protection plus flexibility. That's precisely what our engineers built into the Kirby Lester KL108 Secure Robotic Dispenser.

The KL108 offers breakthrough robotic innovations. The system efficiently automates your pharmacy's most common tablets and capsules via newly designed universal cassettes that require no technician calibration. Thus, there is virtually no chance for human error when changing the medication in the cassette. The KL108 brings peace of mind on many levels: Freedom from error, from tedious recalibration, from expensive maintenance, and from overfills/underfills. For busy pharmacies that demand precision, flexibility and security, the KL108 is a pharmacy robot like no other.



*Cassettes are calibrated in the pharmacy by the robot. Switching to new medications is fast and accurate.*



*The KL108 uses a camera to measure pill dimensions for new medications.*



*2-tier security helps control inventory: Cassettes can only be removed from the KL108 or opened for replenishment by an authorized user.*

### KL108 Highlights

- **Perfected for Safety, Accuracy, Speed** – Designed to avoid miscounting frustrations associated with hand-adjusted cassette robots. The KL108 calibrates cassettes instead of a technician manually calibrating.
- **Securely Dispense Controlled Meds** – Multiple locks, access permissions, user tracking, and inventory software make the KL108 a safe system, even for narcotics.
- **FillSafe™ Steers Replenishment** – Prevents filling from a medication cassette whose refill or return-to-stock was not authorized by a pharmacist. Cassettes are automatically deactivated if the refill process is not followed.
- **Medication & Data Safety** – Capsa is the only pharmacy automation company that is ISO 27001:2013 certified, meeting the highest standards for cyber security and HIPAA compliance.
- **Automate The Perfect Amount** – The KL108 manages your top 108 medications, your true "high movers".
- **Consultative Approach** – During an onsite meeting, we will learn about your business, run a detailed ROI analysis, and tailor the implementation to match your pharmacy's long-term plan for success.



*Intuitive software guides the technician through every process.*



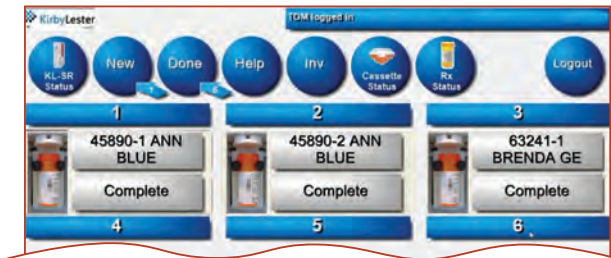
# Kirby Lester KL108

## Software Highlights

KL108 software was designed to be intuitive. Each pharmacy member (administrator, pharmacist, technician) can perform his or her tasks quickly.

### Retrieve Scripts Quickly

View the status of each active prescription. Orders are time-stamped and trackable.



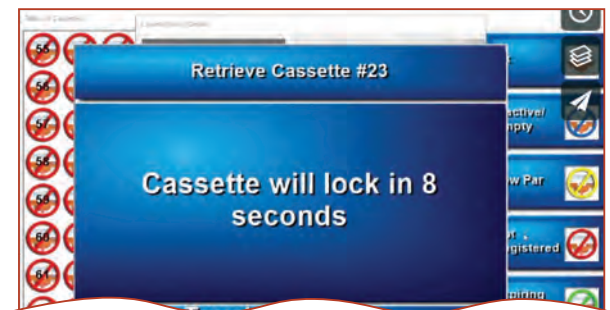
### Color-Coded Cassette Status

Know the status of all 108 cassettes with one glance (e.g., inactive, low par). Track and report inventory by NDC.



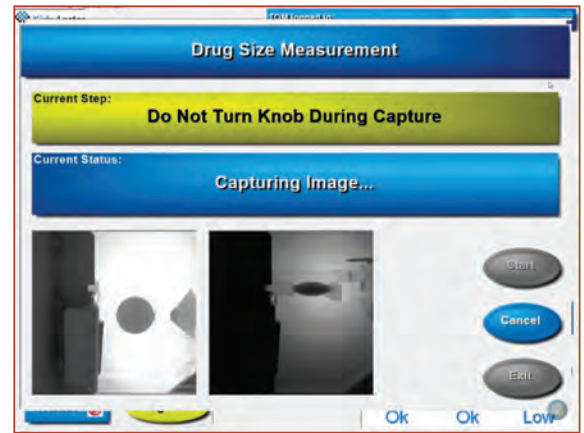
### Multi-Level Protection With FillSafe™

A multi-level protection against errors during cassette filling or return-to-stock. Set the right level of security to ensure your staff follows the proper verification process, and control which employee can refill which drug class. Biometric fingerprint reader records user activity.



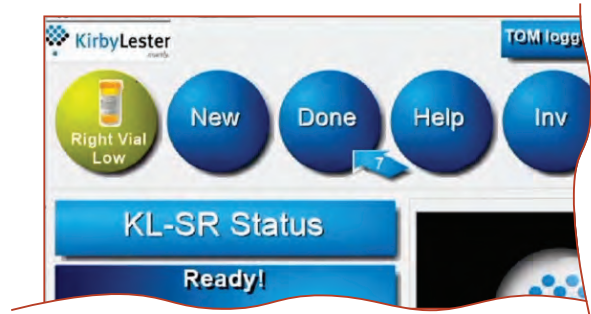
### Calibration By Imaging (Not By Hand)

For new pills that aren't already in the KL108 database, digital image processing technology calculates detailed measurements of the new pill and automatically adjusts the cassette for that pill size.



### Alerts And Helpful Directions

Sensors inside the KL108 prompt onscreen alerts with resolutions.



### Data Integrity: ISO Certified



Capsa is the only pharmacy automation company that is ISO 27001:2013 certified, meeting the highest standards for cybersecurity and HIPAA compliance.



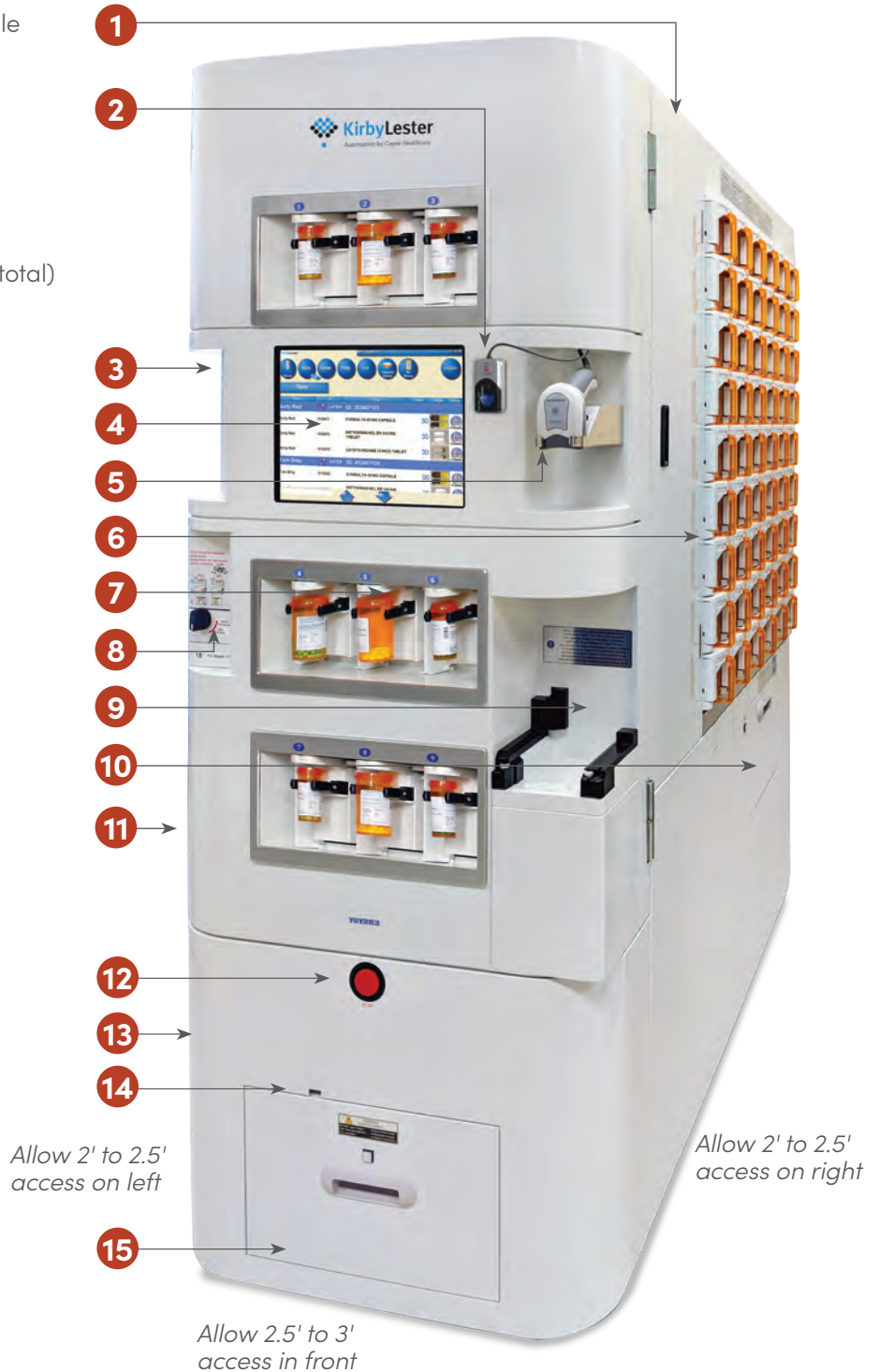
# Kirby Lester KL108

## Components

### Everything Within Easy Reach

Finding your way around the KL108 is simple. Pharmacy staff members will find everything within easy reach to manage prescription filling.

- 1 Power Cords, Network Cable
- 2 Fingerprint Scanner
- 3 Main Door Latch
- 4 15" Touchscreen Monitor
- 5 Barcode Scanner
- 6 54 Cassettes Per Side (108 total)
- 7 9 Vial Pickup Windows
- 8 Camera Chamber
- 9 Cassette Station
- 10 Vial Bin (13, 16 or 20 dram)
- 11 Vial Bin (40 dram)
- 12 Emergency Stop
- 13 PC, Keyboard, Mouse (Left, Inside)
- 14 Thermal Label Printer
- 15 Underneath: 6 Casters, 4 Leveling Feet





# Kirby Lester KL108

## Highly Efficient Rx Filling

### The Right Amount Of Automation

- 50% (or more) of total daily prescriptions handled by the KL108 from 108 cassettes.
- No “slow movers” that expire before dispensing.
- Maintain a higher level of control over shrinkage and diversion.
- Tighter inventory management.
- Less than 6’ deep.

### Revolutionary Cassette Technology

The KL108 uses technology to calibrate cassettes instead of human adjustment. The medication database contains precise measurements for common NDCs, and your cassette will auto-calibrate. However, on occasion you will want to automate a new tablet or capsule that is not yet in the database (e.g., new generic). The KL108 handles measurement and storage of the new pill dimensions.

1. Cassettes can only be removed by an authorized user. Ideal for scheduled and high-value medications, and inventory control.
2. Open the KL108 Camera Chamber and insert the new pill. Digital image processing technology calculates detailed measurements of the new pill. The dimensions will be saved.
3. With any cassette being recalibrated in the Cassette Station, the KL108 automatically adjusts the cassette for that pill size; the cassette stays calibrated, no future adjustment is needed. Change medications at any time – **no need to order additional cassettes.**
4. Cassettes can only be opened for replenishment or return-to-stock while docked in the Cassette Station and by an authorized user. FillSafe™ prevents accidental mis-fills and unauthorized access.





# Kirby Lester KL108

## General Specifications

**Function:** Automatically verifies, labels, counts, and presents completed prescriptions for tablets/capsules.

**Dimensions:** 29.75"W x 67.5"D x 78.25"H; Approx. 1,400 lbs. installed.

**Cassettes:** 108 universal cassettes, 6½"W x 8"D x 4 3/8"H, capacity 650cc, calibrated on device. Approx. maximum capacity 1,200 ibuprofen 200mg (round/brown).

**Cassette Replenishment:** FillSafe™ Security System prevents unauthorized filling, depleting or switching medications in any cassette; customizable for each pharmacy's workflow and security needs.

**Capsule Dimensions:** Length minimum 5 mm, maximum 26 mm; Width minimum 5 mm, maximum 15 mm.

**Tablet Dimensions:** Diameter/width minimum 5 mm, maximum 15 mm; Height minimum 2 mm, maximum 10mm.

**Touch Screen:** 15" color LCD.

**Operating System:** MS Windows 10 IoT.

**Power:** Requires a dedicated standard 115V, 60Hz, 15A power outlet. Normal operation draws up to 300w/hr, not to exceed 500w.

**Printer:** Fast-feed, direct thermal labels, 4" x 2". 1,200 labels per roll, flexible design customizable for each pharmacy, 2" core on supply and pick-up (6" label available).

**Pharmacy Management System Interface:** Available for most common platforms.

**Reports:** Offers over 20 standard reports that are customizable for your pharmacy's needs.

**Prescription Archive:** Retrieve any past dispensed prescription on-screen and via printable report, up to 10 years.

**Low Operating Volume:** 40.9 dB at stand-by; 62.6 dB (max) while operating.

**Vial Size:** Small (either 13, 16 or 20 dram), and large (40 dram). Available with both vial bins set for 40 dram.

**Vial Replenishment:** Fast random load, no hand-loading needed.

**Vial Types:** Accommodates 6 vial styles

- Berry (Kerr) Friendly & Safe 13, 16 or 20 dram; and 40 dram
- Berry (Kerr) Perfect Pak 12, 16 or 20 dram; and 40 dram
- Centor (Rexam) 1-Clic 13, 16 or 20 dram; and 40 dram
- Centor (Rexam) Screw-Loc 13 or 16 dram; and 40 dram
- Altium (Tri State) Pro One 13 or 16 dram; and 40 dram
- Altium (Tri State) Pro Tect 13, 16 or 20 dram; and 40 dram

**Maintenance:** Once-a-day cleaning recommended (approximately 1 minute)

**ISO 27001:2013 certified** for data encryption and HIPAA compliance.

## Count + Verify 100% Of Orders

While the KL108 robot manages the most common medications, a Kirby Lester tabletop KL1 or KL1Plus is used to fill the balance of prescriptions. No prescriptions are left to chance or human error.

**KL1** (left) simple, fast and accurate tablet counter.

**KL1Plus** (right) scan, verify & count, plus C-II log and inventory management software. Prevent wrong medication, strength, or quantity, and keep a record of all transactions.



*Kirby Lester is pharmacy automation by Capsa Healthcare, a comprehensive solutions leader in medication management, healthcare IT and pharmacy technology. Capsa's diverse products are deployed globally in all types of pharmacy: retail, long-term care, hospital inpatient and outpatient, central fill and mail order.*

