

Secure Robotic Dispenser

Kirby Lester KL108

The most secure technology for safe dispensing, including narcotics. Now with onsite cassette configuration.

- Industry first: New cassettes are calibrated onsite on the robot. Universal locking cassette can handle any NDC.
- Locked cassettes and updated FillSafe™ security system protect your inventory and guard against unauthorized access, especially narcotics.
- Automate 108 of your top medications – more than 50% of total daily orders.
- Protection plus flexibility for today's high-scrutiny, fast-paced pharmacy environment.

KL108 Benefits

Labor-saving automatic cassette calibration.

With re-engineered cassettes, the KL108 calibrates its own cassettes on the device. This prevents the pill-jamming and overcounting errors of hand-calibrated cassettes. Once set, cassettes never need reconfiguring for the same NDC. Swap out almost any tablet and capsule quickly. No need for ordering additional cassettes.

Locked cassettes help control inventory.

The two-step security design is ideal for controlled and high value medications. First, cassettes can only be removed from the device by an authorized user. Second, cassettes can only be opened for replenishment by an authorized user. Access is controlled via software. During refilling, the foolproof FillSafe™ security system prevents unauthorized access and misfilling medications. All refills are documented.

Medication and data safety.

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

Free up valuable labor and time.

No time needed for weekly cassette recalibration, loading vials, or dedusting. And with the KL108 managing the bulk of prescriptions (more than 50%), your staff will measure time-saving in hours, not minutes. Operation is simple to learn and use, with the lowest daily maintenance requirement of any pharmacy robot.



KL108 Robot

Secure Robotic Dispenser

Cassette convenience. Diversion control. Labor savings.

Cassette Calibration



The KL108 Camera Chamber takes precise measurements of each tablet or capsule to auto-calibrate each cassette, eliminating human error.



While docked, the cassette adjusts to each NDC size, and stays calibrated. Change NDCs at any time – no need to order additional cassettes.

Medication Security



Cassettes can only be removed by an authorized user. Ideal for scheduled and high-value medications, and inventory control.



Cassettes can only be opened while docked at the Cassette Station, and by an authorized user. FillSafe system prevents accidental mis-fills and unauthorized access.

KL108 Details

- **Dimensions:** 29.75"W x 78.25"H x 67.5"D, approx. 1,400 lbs. installed.
- **Vial Size:** Small (either 13, 16 or 20 dram), and large (40 dram). Available 40 and 40 dram.
- **Vial Replenishment:** Fast random load, no special magazine or inserting needed.
- **Cassettes: 108 Standard Cassettes:** 6½"W x 8"D x 4 ⅜"H. Capacity: 650cc, calibrated on device. Approx. maximum capacity 1,200 ibuprofen 200mg (round/brown).
- **Cassette Replenishment:** Cassettes can only be removed from device, and opened by an authorized user. FillSafe™ security system prevents dispensing from a cassette whose refill or return-to-stock was not authorized by a pharmacist. Requires NDC scan-verification during refilling. Supports return-to-stock. Tracks lot number and expiration.
- **Touch Screen:** 15" color LCD
- **Pick-up Windows:** 9
- **Low Operating Volume:** 40.9 dB at stand-by; 62.6 dB (max) while operating
- **Printer:** New design for faster, foolproof feeding. Direct thermal labels, 4" x 2". 1,200 labels per roll, flexible design customizable for each pharmacy. 2" core on supply and pick-up. Available KP 6" label.
- **Power:** Requires a dedicated standard 115V, 60Hz, 15A power outlet. Normal operation draws up to 300w/hr, not to exceed 500w.
- **Interfacing:** Can interface with any pharmacy management system; can integrate with the Kirby Lester KL1Plus.
- **Operating System:** Microsoft Windows 10 IoT.
- **Software Features:** Integrated dispensing system, manual dispensing, status, archiving and history, group cassettes, order prioritization, multi-vial dispensing, dispense statistics.
- **Installation:** Simple to install. Roll into place, plug in and begin installation. Thorough on-site training provided.
- **ISO 27001:2013 certified:** For data encryption and HIPAA compliance.



Kirby Lester is pharmacy automation by Capsa Healthcare, a comprehensive solutions leader in managing the delivery of medication, patient information, and medical supplies. 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.