



High Volume

SOLUTIONS

Whether you're a mail order pharmacy or a central fill operation, PharmASSIST high-volume solutions offer an integrated and completely configurable collection of precise dispensing technologies, robust RFID, state-of-the-art conveying, and powerful workflow management. Our high-volume solutions synchronize with all participant pharmacies, enabling total quality control and end-to-end Rx tracking throughout the entire fulfillment and transport process.


PharmASSIST[®]
Powered by INNOVATION

High Volume

SOLUTIONS

Innovation's Next Generation Mail Order Pharmacy and Central Fill Technologies.

PharmASSIST high-volume systems deliver a fully synchronized suite of the most advanced pharmacy automation in the industry. By mixing



and matching virtually any of our high-volume

components—robotic dispensing, counting technologies, vial delivery, RFID, conveying, workflow management, and workstations—you can right-size a solution to meet both your current and future growth requirements.

And with physical space at a premium, our high-volume systems offer a minimal footprint and a high Rx's filled per square foot ratio.



To protect your investment, PharmASSIST automation systems comprise universal workflow software and dispensing technology that serves as the common platform for the entire suite. Thus, you can implement any PharmASSIST product or combination of products to address your immediate requirements, and then either incrementally



upgrade or migrate your system to the next level of automation at any time.



Totally Configurable
Completely Scalable





able.
able.

Vial Delivery Kicks Off Your Process

PharmASSIST high-volume solutions seamlessly integrate with your pharmacy management system to receive incoming Rx's from various sources (e.g., fax, Internet, IVR, telephone call-in, mail order form, etc.). Upon validating Rx orders, the system requests specific vial sizes from Vial Delivery, which handles all vial-related activity from dram selection to labeling to transport to filling.



Scalable Dispensing Technology Increases Throughput

To address your unique requirements, you can select from a wide range of highly scalable, robotic and non-robotic dispensing technologies, all of which incorporate the intelligent PharmASSIST dispenser. To ensure



highly accurate Rx filling, the dispenser is unrivaled in its use of bar code scanning, simultaneous counting, and software protocols for all dispensing,

The POWER of Quality

All labeled vials must pass stringent quality controls before moving to the high speed Vial Transport for delivery to the appropriate dispensing technology. Depending on your dispensing configuration, vials are positioned at the proper launch point. Then, using compressed air, Vial Transport flies vials at up to 30 miles per hour through a pneumatic tube to the selected landing point for filling. With this unique design, you can locate Vial Delivery in a completely different room—another key configuration and space saving-benefit that enables you to optimize your facility's space.

replenishment, and drug assignment/changeover tasks.

For robotics systems, you can select from the pod-like RDS ROBOTx or the linear ROBOTx.™ RDS ROBOTx is equipped with a highly reliable industrial robot, up to 360 dispensers, and a faux seal device that employs ultrasonics to seal the tops of filled vials with an FDA-approved adhesive film. The temporary seal prevents spilling and possible contamination while vials are transported throughout your pharmacy. The ergonomic ROBOTx comprises 70–140 dispensers, a touch-screen monitor, and customizable output lanes that let you group prescriptions any way you want.



Both systems deliver full-speed continuous operation as you can simultaneously and safely replenish their dispensers through their respective back panels.

For non-robotic counting technology, you can employ PharmASSIST cabinets, each with 50 dispensers.

PharmASSIST cabinets can be placed almost anywhere and have the smallest industry footprint (3 square feet) for their dispensing class.



RFID-Driven Tote Conveying Delivers Total Control

To transport Rx's throughout your fulfillment process, PharmASSIST high-volume Tote Conveying masters the art of conveyor traffic control and employs RFID technology. RFID tags play a critical role in tote transport and Rx tracking. The system continuously updates RFID tags and directs totes to move to specific destinations within your pharmacy. RFID tags also communicate with our Symphony® workflow software to facilitate real-time Rx tracking for all Rx's in all totes.

Tote Conveying is extremely quiet and offers various configurations that can be customized to meet your specific layout requirements. You can implement single or multi-tiered conveying to route totes to all your dispensing technologies, workstations (e.g., Manual Fill and Verification), and even to your packaging and shipping areas.

Versatile Workstations Complete Your Workflow

Powered by Symphony workflow management, PharmASSIST high-volume workstations enable your staff to complete key workflow tasks to round out your fulfillment process.

You can implement any number and combination of workstations. You can also configure workstations to perform multiple workflow tasks, or you can segregate tasks by workstation.

Employing Manual Fill workstations, your staff can fill an individual Rx or complete a multiple Rx order for a given patient. Medications requiring manual filling include prepackaged or non-countable medications, such as liquids and creams, or infrequently requested medications that aren't cost effective to place in dispensing technologies. You can also supplement Manual Filling workstations with Innovation's countertop counting solutions, the PharmASSIST SmartScale™ and Eyecon™.

At Rx Verification workstations, your pharmacists can verify the accuracy of filled Rx's using bar code scanning, medication imagery, and comprehensive Rx details. If you're deploying RDS ROBOTx technology, pharmacists simply remove the Faux Seal on each vial prior to verifying the vial's content. Once Rx's are verified, your staff can perform the necessary steps to ensure completed Rx's and Rx groups are ready for packaging and shipment.



For more information on PharmASSIST scalable solutions, call 607.798.9376, email sales@innovat.com, or go to www.innovat.com



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