Rx-FILL

The Rx-Fill is a versatile machine capable of counting product in manual, semi-automatic, and automatic modes of operation. The Rx-Fill can be table mounted where containers are manually presented under the nozzle for filling. Alternatively, a foot pedal could instruct the machine to dispense product into the container. When the Rx-Fill is mounted on a conveyor with the container gating system, the machine automatically gates containers from the queue of containers on the conveyor.

Product is poured into a product hopper which regulates the flow of the product onto a two track vibratory tray. The vibratory tray separates and feeds the product into the count unit. The count unit, using infra-red technology, counts the product passing through. The product is then funneled into the original product container.

Benefits:

- Accurately count product into containers in a packaging cell or packaging line
- Flexible operation makes it ideal for small batch production runs
- Quick changeover with minimal contact parts
- Easy setup requiring little previous operator experience
- Expandable design allows for kitting into Single, Twin and Quad configurations
- Tabletop, or conveyor mounting capabilities
- Manual, semi-automatic, and fully automatic product fill operation

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Product Stage Gates hold product in batches to allow the Rx-Fill to count product while the container is being placed under the funnel. Although the Rx-Fill is a product counter, it can still be used as a count verification system.

The Rx-Fill is capable of running at speeds up to 25 bottles per minute for 100 product count. Should higher speeds be required, the Rx-TwinFill and Rx-QuadFill configurations offer a cell of two and four counters respectively, operating in unison.

A front mounted touchscreen is a standard feature on the Rx-Check and Rx-Fill. Product and container parameters are greatly simplified in order to enable operators to setup and run both machines with little prior experience. The Rx-Fill is equipped with product and container recipes saved into its memory to allow rapid setup for repeat production runs.

Rx-CHECK — Automatic Product Count Verification System

The Rx-Check is a solid dose product count verification system. It can be mounted in a tabletop configuration and located at the packaging line. During in-process or QC checks, product count can be verified using a real-time display of actual count. The Rx-Check can be upgraded to the Rx-Fill where a product staging is added.

Technical Specifications:
- Rx-Fill speed: Up to 25 BPM at 100 count (higher speeds are achieved with the Rx-TwinFill or QuadFill configurations)
- Rx-Check speed: Up to 3000 tablets per minute
- Product range: 2mm to 40mm (subject to product testing)
- Container range: Round, Rectangular Square, Oblong 1" to 4", 12" high
- Neck diameter: 1/2" and higher
- Construction: FDA approved contact part materials
- Power requirements: 120 VAC - 1-60 Hz, 15 Amp
- Air requirements: 2 CFM at 90 PSI (for optional gating system only)
- Dimensions: 28" L x 10.5" W x 28"H
- Machine weight: 78 lbs
- Product hopper capacity: 5 L Standard - Optional 0.7 cu.ft. (20 L)

Features:
- Table top or conveyor mounting
- Manual, semi-automatic, or automatic operation
- Minimal contact parts
- Front mounted touchscreen control panel
- Variable speed control for twin tracks
- Count display with reset
- 5 L product hopper (optional 0.7 cu.ft. (20 L) product hopper available)
- Height adjustable stand with conveyor docking (Optional)

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