Simple, Safe and Efficient!

Benjamin

Conveyor Medication Checking unit

Benjamin is one of TOSHO's products in the total solution system FILIA.
The development of FILIA is based upon years of experience and has carefully integrated the views and opinions of our end-users. The Benjamin system is specially developed to support the conveyor medication preparation process of Dose Dispensing Facilities.

The Solution for Conveyor Medication.

Overview

It is a well known fact that conveyor preparation is the most time consuming process in Dose Dispensing. Conveyor preparation is also where most of the mistakes occur, which leads to significant stress for the machine operators.

Safety and Accuracy

Visualizing where to place each medication on the Conveyor Tray grid is not always easy. This can be difficult even for experienced operators, when the intakes are irregular. Benjamin indicates with LED lights where to place which medicine. Different amounts of tablets indicated by different LED colors allows safe and accurate filling.

Time Efficiency

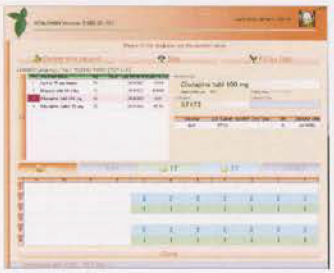
By implementing Benjamin at your facility, you are able to prepare your conveyor medications in advance and minimize the machine idle time. Since LOT numbers and expiration dates can be entered at the Benjamin preparation stage, Dose Dispensing Machines only need to be stopped while the operators are replacing the Conveyor Trays. Statistics show that the time of each machine stop for conveyor medications decreases to less than 25 seconds.

Visual Checking

Multiple medicines piled up in one cell is difficult to check visually. With Benjamin, you never handle more than one kind of medicine at a time since the tablets are dropped to the Conveyor Tray after each filling. This "fill -> check -> drop method" is specially designed to provide Benjamin operators easy visual checking.

Simple Interface

Benjamin makes conveyor preparation easy. Choose prescription -> read medicine barcode -> input medicine info -> fill medicine in the cells indicated by LEDs. Avoid mistakes by handling only one medicine at a time.



Tray recognition with RFID

Dose Dispensing Machines will dispense anything that is placed on the conveyor. Without a system for verifying Conveyor Trays set in the machine, you risk to dispense the medicines of the wrong prescription. For this reason, TOSHO has attached a RFID Tag to each Conveyor Tray and each of them is automatically verified by the Dose Dispensing Machine. In case the wrong Conveyor Tray is set, the machine will alert the operator and will not dispense.

Efficient Operator Allocation

Allocating human resources is the most important and most difficult issue that all facilities face. Benjamin is the solution for re-allocating your human resources. The handling of conveyor medications is the most time consuming process in operating the Dose Dispensing Machine. By implementing Oak and Benjamin, each operator is able to operate two machines instead of one.

Traceability

To ensure traceability, the FILIA system keeps all records for a certain amount of time. Benjamin keeps track of who prepared which medicine of which LOT for whom and transmits the information to other FILIA applications.

Workflow

Create your own unique workflow that suits your facility.

- PRODUCTION WORKFLOW WILL CHANGE – How?

How many operators do you need at your facility?
How many Dose Dispensing Machines can one Benjamin prepare for?
How many Conveyor Trays do you need?
How far should the Benjamin station be placed from the Dose Dispensing Machines?
How do you collect Medicines for the Benjamin Process?
At what stage should the operators enter the medicine information?

These question all depend on your facility size, number of medicine kinds and many other factors. Please consult our sales representatives to find the solution that meets your needs.

Variations in setup

Various methods are possible in the setup configuration with OAK.
For example; OAK can skip prescriptions that are not yet prepared with Benjamin, and prioritize the dispensing of prescriptions that are ready.

Device Specification	
Product Name	Conveyor Medication Checking unit
Rating Voltage	100-240VAC
Rating Current	1.3 - 0.65A
Frequency	50/60Hz
Size	W614 x D480 x H133.6mm
Weight	24kg

* The implementation of FILIA is required in order to install Benjamin at your facility.

NORITSU
PHARMACY
AUTOMATION

www.noritsu-rx.com - 800-521-3686 - sales@noritsu.com

MADE IN JAPAN

* Las especificaciones y configuración podrán ser modificadas sin previo aviso por el fabricante.
* El color que aparece en el catálogo podrá variar sensiblemente respecto del actual.