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*The contents of the catalog are current as of May 2025.



Advance

Xana-4001U2 Advance



Xana-4001U2 Advance

- Machine Size & Weight
W1200mm×D1050mm×H1985mm
930kg(Without floor plate and rotary cassettes)
- Rotary Cassette (Medicine cassette)
IF Rotary Cassette (automatic position identification)
- Free-Access Conveyer Unit
66-box manual filling tray with LED guide.
- Windows-Font printer
High print quality of the TOSHO machine.
Printable BMP images, different barcode type such 2D/QR code.
- Dispensing Speed
54 pouches per min.

Xana-4001U2 Advance
for more information.



Advanced Technology

Dose Dispensing Machine

Over the decades of experience in Dose Dispensing Centers around the world, the Xana-4001U2 has improved in dispensing speed. Consequently, this model has been refined and renamed as Xana-4001U2 Advance for its advanced product quality along with the Japanese master craftsmanship. One of the top grades in our dispensing machine history.

All U2 Function (Optional Feature)

Due to the increased consumption of generic drugs, many of the dose dispensing users have more medicine assortments in their production. The All U2 function is the best suitable feature to meet the demands of those users. In this function, Rotary Cassettes can be placed freely. The interchangeable cassettes are automatically identified by the machine for faster dispensing with optimal efficiency.



Space Saving and High Capacity

With TOSHO original cabinet structure, the machine can store 400 cassettes compactly. This unique cabinet structure enables to minimize dead-space inside the cabinet and provides high storage capacity. When a cassette is empty, a red color LED light blinks to notify and indicate which cassette needs to be refilled.



Robust Machine

This machine is designed based on the decades of practice in large dose dispensing centers. In particular, our horizontal packing unit provides stability and accuracy when filling a large number of tablets into a pouch, as well as the durability of the machine.



Safety

Approaches to Prevent Dispensing Errors

High Consciousness on Accurate Dispensing

Each Rotary Cassette is identified automatically by the equipped Intelligent Feeder (IF) to ensure the correct one is inserted. LED light alerts if the cassette is placed in the incorrect position.



The TOSHO Blue

The TOSHO blue cassette is made of anti-static material with a UV cut rate of 98% or higher. It also enables the users to see inside of the cassette and verify how many tablets remain. A long-shaped cassette, enabling a vertical sharp drop of each tablet, ensures smooth dispensing.



66-Box Semi-auto Conveyor Unit with LED Guide

The 66-box Semi-automatic conveyor unit allows for manual opening of the conveyor tray. Then, the LED light guide indicates which box needs to be filled with medicine, manually by hand. This feature simplifies the process of manual filling of multiple medicines, by just following the LED guidance. With the optional Benjamin tray support system, the conveyor tray can be exchanged during dispensing, so it makes for higher efficiency in the dose dispensing production.



Outstanding Print Quality

Flexible Print Layout

High Print Density

With the selection of standard fonts in Windows* OS, the high-density printer provides clear text and even vivid images, including portrait photos. Besides, the barcode, 2D images can be printed as well. The system can set and save up to 99 different print designs and layouts. This feature is particularly useful for user identification, as it creates a different print outlook. For example, the pouch design 1 for A nursing home and the pouch design 2 for B nursing home, etc.



Print Specifications

Layout	Free layout
Print Direction	0°, 90°, 180°, 360° both in horizontal & vertical directions
Font Size	1 to 300 pt
Print Items (e.g.)	Patient Name / Date of birth / Sex / Age / Prescription number / Dispensing date / Name of medicine / Cassette number / Number of tablets per pouch / Patient ID / Classification of tablets / Barcode and etc. / Impatient/Outpatient / Dosage name / Comments about dosage / Number of tablets / Number of kinds / Treatment change / Hospital ward / Pharmacist's name /

*Windows is the U.S. Microsoft corporation's trademark.

Print examples

Photo image (Face, flower, etc)

Illustration, hand-written script, BMP image

A wide position, font 4 types, logotype

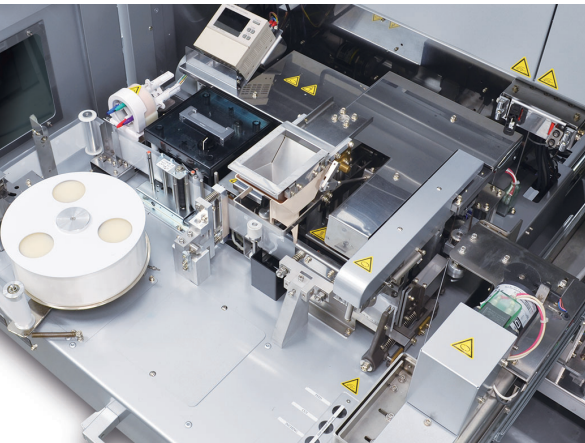
QR code, font 4 types, logotype

The Horizontal Identity

The Dispensing Stability

TOSHO's Original Horizontal Style Packing Unit

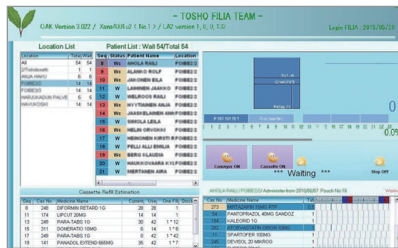
The Horizontal packing unit realizes stability in multi-dose dispensing. The hopper unit moves up/down into the pouch when the paper passes through horizontally. This horizontal system enables stable multi-dose dispensing with a larger quantity of tablets. TOSHO's horizontal packing unit is the best suitable packing unit for multi-dose dispensing.



Operation Features

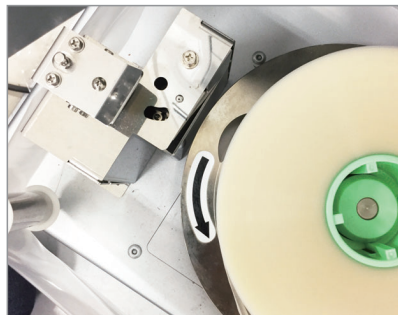
Usability is the First Step to Accurate Dispensing

FILIA System



FILIA is the total dispensing management system for optimum safety and efficiency. It includes several key features such as: Share Cassette function, Automatic order distribution, Cassette refill estimation, Production statistics, Downtime finder, Pouch unique ID management, Medicine Traceability management, etc. FILIA can be interfaced with your current system.

Near to the End Sensor



When the packing paper or ink ribbon is almost gone, FILIA software alerts it to the operator and advises to prepare for exchanging before it runs out.

1/2 Tablet Cassette



The 1/2 Tablet Cassette is available for certain types of medicine. This special cassette reduces the necessity of manual filling of the trays so that it eventually increases efficiency in the production.

Cassette Skip Function



When the medicine in a certain cassette runs out, the dispensing can be continued by skipping the specific cassette. In this case, the medicine information printed on the pouch is omitted following the skipped medicine.

Options

Gears to Support the Dispensing Work in Advance for more Efficiency

PACHIRA De-blistering Support System

PACHIRA is to support de-blistering. It is a part of the FILIA system to predict the number of deblistered tablets needed based on tablet consumption history. With the PACHIRA de-blistering system, pharmaceutical inventory management becomes more efficient and easier.



BENJAMIN Pre-filling Manual Tray Station

The Benjamin is a device to support manual filling of medicine to the trays in advance. It consequently reduces the production downtime and improves dispensing operation efficiency. Furthermore, trays are equipped with RFID technology to help prevent patient mix-ups, and supports multiple patients' medications in one tray for faster dispensing.



Machine Specification



Product Name	Dose Dispensing Machine
Model	Xana-4001U2 Advance
Machine Size	W1200mm×D1050mm×H1985mm
Floor Plate Size	W1200mm×D1500mm
Weight	930kg*1
Power Source	AC120V / AC230V
Frequency	50 / 60Hz
Maximum Power Consumption	960VA(AC120V) / 920VA(AC230C)
Maximum Current	8A(AC120V) / 3A(AC230V)
Noise Level	Below 70dB
Control	De-centralized multi CPU control
Medicine Cabinet	400 rotary cassette (S size×176, M size×224) IF feeder base

*1 Without Rotary Cassettes.

Conveyor Unit	Semi-automatic conveyor unit with LED guide.
Manual Filling Tray	66 filling box spaces
Packing Unit	Horizontal packing unit
Printer	Thermal printer. INK Ribbon FINE is recommend to use for the high print quality.
Pouch Size	W80mm×H70mm (fix size only)
Packing Speed	54 pouches / min (TOSHO factory validation standards)
Applicable EU Directive	EMC Directive LVD Directive RE Directive RoHS Directive
Option	Extra manual filling tray RFID reader controlling unit (for BENJAMIN user)