

MENITH

Robotic medication dispensing & packaging system

MENITH is a robotic tablet dispensing and packaging system with enhanced productivity, efficiency and convenience which replaces, places the tablets in a fully automated manner, then inspects the resulting pouches - all from one single machine.



Specifications MENITH

Model	T7	T8	T9
Dimensions (W x D x H mm)	1,920 x 3,770 x 2,340 mm	1,920 x 3,770 x 2,450 mm	1,920 x 3,770 x 2,570 mm
Weight (Except canister)	About 1,700 kg	About 1,750 kg	About 1,800 kg
Canister capacity	736EA (S: 472, D: 264)	800EA (S: 536, D: 264)	864EA (S: 600, D: 264)
Maximum working rate	Max. 60pack/min (Per main frame)		
STS working rate	Max. 55pack/min (Per main frame)		
STS capacity	60pack/1 tray (Per tray)		
U-Canister working rate	Max. 40pack/min (Per main frame)		
U-Canister Canister Capacity	Max. 280 tablet/1 cup (Based on 1 Tablet sized 9.2 mm x 4.2t)		
Pouch sizes (W x H)	Pouch sizes Changeable (70 x 56 mm/70 x 65 mm/70 x 75 mm/70 x 85 mm/70 x 95 mm) * 70 x 50 mm: Specific size is used as per SW option setting		
Tablet detection	Infrared light detection		
Display and input	Touch Screen 48.3 cm (19") / Industrial PC		
Main Frame	Removable Main Frame		
Canister Type	Automatic recognition of tablet location (ACRS)		
STS	STS Auto open Function, STS Tray Light		
Inspection speed/Category	Synchronized with the MENITH filling speed / Amount, Shape, Color		
Supported size range for inspection	Up to 95 mm (Supports inspection for real-time variable pouches)		
False-positive Rate	4% (For pouches with 4 tablets or less)		
Power Consumption	800W (Max. 1,400W)		
Power Supply	America: 120V~, 60 Hz/Europe: 220-240V~, 50/60 Hz		
Operation Temperature / Humidity	0~40°C / 10~80%		
Printing system	Thermal transfer system: any number of typefaces is possible (Cartridge Type)		
Text Info	Possible to support graphic Windows environment (Possible to print all characters and barcode)		
Additional Option	Inspection Function, U-Canister: Max. 10EA		

* Product exterior and specifications are subject to change due to the company's research and development results without any prior notice.

* Dispensing speed may vary by pouch size.

Features MENITH



Optimized canister locations using robot

By analyzing the prescription data, the internal robot in MENITH allocates the canisters needed to refill as well as to dispense from in advance, minimizing time to prepare the job.



Optional

Accurate and fast dispensing and packaging

MENITH produces avg. 120 pouches/min using two mainframes. Also, the internal inspection system increases accuracy as it inspects the resulting pouches to release only passed ones. All inspection results are stored in image and data format to be utilized for prescription analysis, and medicine tracking, administration lookup, etc.

* Inspection function is Optional and the VIZEN^{CHECK} software is required.



Packaging in different pouch sizes

This product chooses the best pouch size automatically based on the volume and quantity of the tablets to supply as a single dose. This feature is useful especially for dispensing small quantity of medicines to minimize the unnecessary consumables.

Features MENITH



Networking with OCS

The Server program can be connected with OCS or computer system at the hospital or pharmacy to share the prescription details shared in real time. Received prescription details are then sent to MENITH immediately to be ready for dispensing & packaging.



Automatic Canister Recognition System (ACRS)

An ACRS RFID tag on each canister has a unique identification number assigned to support self-recognition of its location no matter where it is installed. As a result, this product allows to track tablets, use tablets with nearing expiry date first, as well as to perform automated inventory control.



Optional

Automatic filling for ½ tablets, special shapes tablets (U-Canister)

Since MENITH supports processing halved tablets and tablets in special shapes, no special canister is needed to allocate to store non-standard tablets. Cups where tablets are stored can be easily detached, so you can quickly replace the empty cup with a pre-filled cup.



Manual filling for ½ tablets, special shapes tablets (STS)

You can use the STS tray to manually dispense and package of ½ tablets and special shapes tablets that are used less frequently. In case of packaging for multiple patients, the LED indicator embedded in each cell is conveniently color-coded to help the operator drop correct tablets into each cell for the right patient.



Barcode verification for safe medication management

Each canister has its own barcode to prevent potential errors of refilling unregistered tablets. The added barcode is saved to the database to track the tablet usage history at any time.

* Barcode scanner can be purchased separately.



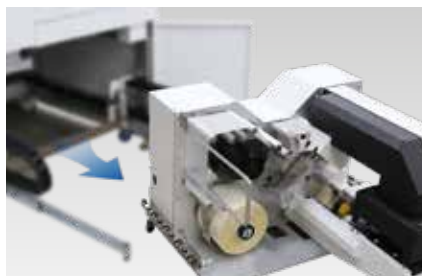
Increased canister capacity

The volume of the canister has also increased so it holds more tablets than before, minimizing the need to refill the canister.



Customized pouch print layout

You can customize information to print on the pouch including medicine shape, color, texture, quantity, expiry date of each medicine, and barcode. Also, it allows you to select a language to use and modify the print layout.



Detachable main frame

In case the main frame is faulty, you can immediately replace it with a new one to minimize downtime.



Jumbo paper roll & Ribbon

This model can accommodate a bulk paper roll & ribbon with doubled capacity of 600 meters to increase the replacement cycle.

About us

We believe that every patient has the right to receive the right medication – if it is one pill per day or 10 pills per day. Patients should not have to worry if their pharmacy, hospital or caregiver is giving them the right dosage at the right time. Our products ensure that this worry is taken away and our solutions offer unparalleled accuracy and security.

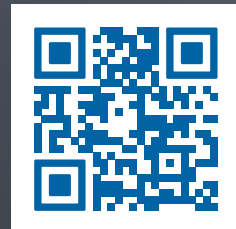
Today, JVM Europe is the European and global leader in pharmacy automation solutions, with more than 1000 systems installed throughout Europe and more than 20,000 systems installed worldwide.

It is our vision to:

Live in a world where any medication can be given safely and efficiently to all patients, with no fear of mistaken dosages.

Our mission, therefore, is to:

Provide automated pharmaceutical solutions of the highest quality, enabling our customers to deliver the right medicine in the right dosage, at the right time and to the right patient.



For more information
www.myjvm.eu/our-solutions