

ATDPS

Automatic Tablet Dispensing & Packaging System

ATDPS provides a more accurate and cost-effective prescribing work environment by automating the entire preparation process from sorting, distributing, packaging tablets to printing on the packet, inventory-controlling, according to the medication order.



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.

ATDPS DEN⁺



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ATDPS DESKTYPE DEN⁺

Automatic Tablet Dispensing & Packaging System

ATDPS DEN⁺ is a desk type model designed to package halved tablets and tablets in special shapes manually. 12, 36, 60, or 84 canisters can be added to the product depending on the prescription requirement.



Specifications DEN⁺

Model	JV-DEN	JV-12DEN	JV-36DEN	JV-60DEN	JV-84DEN
Dimensions (W x D x H)	950 x 540 x 920 mm	950 x 540 x 1,345 mm	950 x 540 x 1,690 mm	950 x 540 x 1,850 mm	950 x 540 x 2,090 mm
Weight (Except canister)	About 135 kg	About 150 kg	About 175 kg	About 190 kg	About 205 kg
Canister capacity	-	12EA (L4: 12)	36EA (L1: 12, L2: 24)	60EA (S: 36, L: 12, L1: 12)	84EA (S: 60, L: 12, L1: 12)
Maximum working rate	Unit-dose: Max. 60pack/min, Multi-dose: Max. 50pack/min				
STS working rate	Max. 60pack/min				
STS capacity	60pack/1tray				
Auto Canister working rate	-	Max. 40 pack/min			
Auto Canister Capacity	-	Max. 500 tablet (Based on 1 Tablet sized 7 mm)			
Pouch sizes (W x H)	Selectable from 70 x 55 mm (Unit-dose only), 70 x 75 mm, 70 x 82 mm				
Tablet detection	Infrared light detection				
Power consumption	550W				
Power Supply	America: 120V~, 60Hz / Europe: 220-240V~, 50/60Hz				
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	-	Auto Canister: Max. 4EA	Auto Canister: Max. 8EA		
	-	Automatic recognition of tablet location (ACRS)			
	Touch Screen 38 cm (15") + Holder				
	STS Tray Light				



JV-DEN



JV-12DEN



JV-36DEN



JV-60DEN



JV-84DEN

ATDPS DOOR^{TYPE} DO⁺

Automatic Tablet Dispensing & Packaging System

ATDPS DO⁺ is a double-door type designed to accommodate canisters both inside and outside. As the user can easily check conditions for the entire canisters to identify the remained tablets and refill with the tablets when necessary.



Specifications DO⁺

Model	JV-208DO	JV-244DO
Dimensions (W x D x H)	990 x 630 x 2,040 mm	990 x 630 x 2,170 mm
Weight (Except canister)	About 330 kg	About 360 kg
Canister capacity	208EA (S: 72, L: 100, L1: 36)	244EA (S: 128, L: 80, L1: 36)
Maximum working rate	Unit-dose: Max. 60pack/min, Multi-dose: Max. 50pack/min	
STS working rate	Max. 60pack/min	
STS capacity	60pack/1tray	
Auto Canister working rate	Max. 40 pack/min	
Auto Canister Capacity	Max. 500 tablet (Based on 1 Tablet sized 7 mm)	
Pouch sizes (W x H)	Selectable from 70 x 55 mm (Unit-dose only), 70 x 75 mm, 70 x 82 mm	
Tablet detection	Infrared light detection	
Display and input	Touch Screen 25.6 cm (10.1") / All in one IPC	
Power consumption	550W	
Power Supply	America: 120V~, 60Hz / Europe: 220-240V~, 50/60Hz	
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	Auto Canister: Max. 8EA	
	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	
	Automatic recognition of tablet location (ACRS)	
	STS Tray Light	

* Dispensing speed may vary by pouch size



JV-208DO



JV-244DO



ATDPS DOOR_{TYPE} DOC⁺

Automatic Tablet Dispensing & Packaging System

ATDPS DOC⁺ is a compact door type model which allows you to choose a door to swing left or right to maximize space efficiency.



Specifications DOC⁺

Model	JV-102DOC	JV-156DOC
Dimensions (W x D x H)	780 x 550 x 1,720 mm	780 x 550 x 1,970 mm
Weight (Except canister)	About 270 kg	About 300 kg
Canister capacity	102EA (S: 48, L: 27, L1: 27)	156EA (S: 102, L: 27, L1: 27)
Maximum working rate	Unit-dose: Max. 60pack/min, Multi-dose: Max. 50 pack/min	
STS working rate	Max. 60pack/min	
STS capacity	30 pack/1 tray	
Auto Canister working rate	Max. 40 pack/min	
Auto Canister Capacity	Max. 500 tablet (Based on 1 Tablet sized 7 mm)	
Pouch sizes (W x H)	Selectable from 70 x 55 mm (Unit-dose only), 70 x 75 mm, 70 x 82 mm	
Tablet detection	Infrared light detection	
Display and input	Touch Screen 25.6 cm (10.1") / All in one IPC	
Power consumption	550W	
Power Supply	America: 120V~, 60Hz / Europe: 220-240V~, 50/60Hz	
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	Auto Canister: Max. 4EA	
	Automatic recognition of tablet location (ACRS)	
	STS Tray Light	
	Door opening direction (L type or R type)	



Features DEN⁺, DO⁺ and DOC⁺



Optional (DO type)

Packaging in different pouch sizes

You can select a pouch size from 5 different options that is right for the quantity of tablets to be included in a single dose. This feature is especially useful for dispensing small quantity of medicines to minimize the unnecessary use of the consumables.

* Available pouch sizes are 56, 65, 75, 85, 95 mm.
* Coming soon. please contact your local agency



Optional

Automatic Canister Recognition System (ACRS)

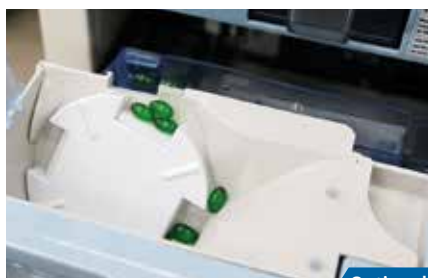
An ACRS chip or RFID tag on each canister has a unique identification number assigned to support self-recognition of its location no matter where it is installed. As a result, this product allows to track tablets, use tablets with nearing expiry date first, as well as to perform automated inventory control.



Optional

Separate packaging for incorrect tablets

After refilling tablets into a canister, the system displays alert notification on the touchscreen monitor when a faulty or mistakenly supplied tablets are detected. These tablets with error are then packaged into separate pouches as defined by the user.



Optional

Automatic filling for ½ tablets, special shapes tablets (Auto Canister)

You can use the auto canister to automatically dispense and package ½ tablets and special shapes tablets. All kinds of medicines can be automatically dispensed without canisters and useful especially for long term patients preparations.



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.

* STS Tray Light is Optional.



Prescription data transfer system (OCS)

The ATDPS 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 ATDPS immediately to be ready for dispensing & packaging.



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.



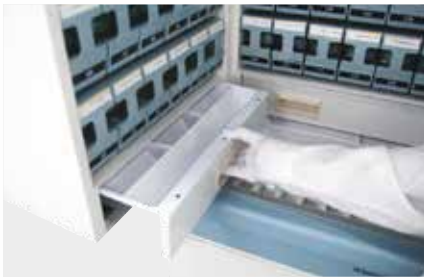
Customized pouch print layout

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.



Convenient onsumables replacement

Ribbon roll for the pouch printing is offered in a detachable cartridge format so anyone can replace it effortlessly.



Easy Cleaning

ATDPS is a fully automated process for the completion of a dispensing, providing a 'clean dispensing environment'. All hoppers in the product are detachable and can easily clean the passages of the medicine, providing a safer and cleaner preparation environment.



ATDPS NS⁺

Automatic Tablet Dispensing & Packaging System

ATDPS NS⁺ is a slide type model whose canister module opens and closes automatically with a front touch panel. This large ATDPS can accommodate more tablets with a smaller footprint.

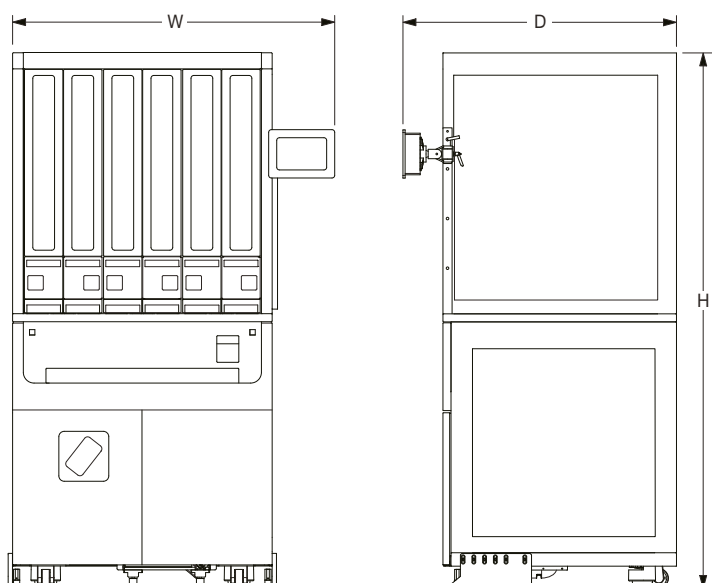


Specifications NS⁺

Model	JV-300NS	JV-360NS	JV-420NS	JV-480NS	JV-576NS
Dimensions (W x D x H)	970 x 870 x 2,000 mm	970 x 870 x 2,180 mm	1,260 x 1,020 x 2,000 mm	1,260 x 1,020 x 2,000 mm	1,260 x 1,020 x 2,180 mm
Weight (Except canister)	About 650 kg	About 700 kg	About 970 kg	About 985 kg	About 1,070 kg
Canister capacity	300EA (S: 120, L: 120, L1: 60)	360EA (S: 120, L: 180, L2: 60)	420EA (S: 168, L: 168, L1: 84)	480EA (S: 192, L: 192, L1: 96)	576EA (S: 192, L: 288, L2: 96)
Maximum working rate	Unit-dose: Max. 65pack/min, Multi-dose: Max. 50pack/min				
STS working rate	Max. 55pack/min				
STS capacity	60pack/1tray				
U-Canister working rate	Max. 40 pack/min				
U-Canister Capacity	Max. 280 tablet (Based on 1 Tablet sized 9.8 mm x 4.2 t)				
Pouch sizes (W x H)	Selectable from 70 x 55 mm (Unit-dose only), 70 x 75 mm, 70 x 82 mm				
Tablet detection	Infrared light detection				
Display and input	Touch Screen 25.6 cm (10.1") / All in one IPC				
Power consumption	800W				
Power Supply	America: 120V~, 60Hz / Europe: 220-240V~, 50/60Hz				
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)				
	U-Canister: Max. 6EA		Max. 7EA		Max. 8EA
	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 50mm: Specific size is used as per SW option setting				
Additional Option	Automatic recognition of tablet location (ACRS)				
	Slide rack Auto open Function				
	STS Auto open Function				
	Removable Main Frame				

* 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 NS⁺



Optional

Packaging in different pouch sizes

You can select a pouch size from 5 different options that is right for the quantity of tablets to be included in a single dose. This feature is especially useful for dispensing small quantity of medicines to minimize the unnecessary use of the consumables.

* Available pouch sizes are 56, 65, 75, 85, 95 mm.



Optional

Detachable main frame

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

* Both detachable type and built-in type are available for main frame options.



Optional

Separate packaging for incorrect tablets

After refilling tablets into a canister, the system displays alert notification on the touchscreen monitor when a faulty or mistakenly supplied tablets are detected. These tablets with error are then packaged into separate pouches as defined by the user.



Optional

Automatic Canister Recognition System (ACRS)

An ACRS chip or 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.



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

You can use the U-Canister to automatically dispense and package ½ tablets and special shapes tablets. All kinds of medicines can be automatically dispensed without canisters and useful especially for long term patients preparations.



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.



Prescription data transfer system (OCS)

The ATDPS 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 ATDPS immediately to be ready for dispensing & packaging.



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.



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.



Convenient consumables replacement

Ribbon roll for the pouch printing is offered in a detachable cartridge format so anyone can replace it effortlessly.



Easy Cleaning

ATDPS is a fully automated process for the completion of a dispensing, providing a 'clean dispensing environment'. All hoppers in the product are detachable and can easily clean the passages of the medicine, providing a safer and cleaner preparation environment.

ATDPS NSP⁺

Automatic Tablet Dispensing & Packaging System

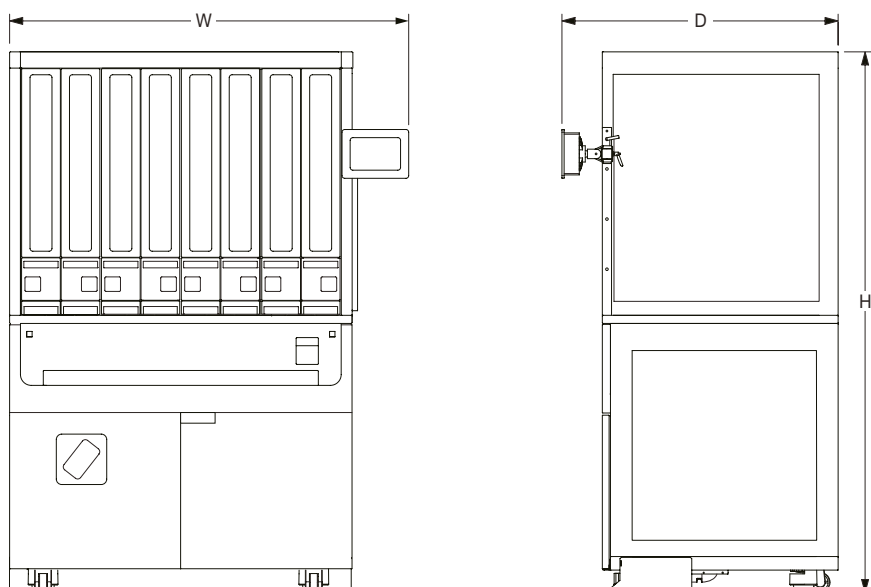
ATDPS provides a more accurate and cost-effective prescribing work environment by automating the entire preparation process from sorting, distributing, packaging tablets to printing on the packet, inventory controlling, according to the medication order.



Specifications NSP⁺

Model	JV-420NSP10	JV-480NSP10	JV-576NSP10
Dimensions (W x D x H)	1,260 x 1,020 x 2,070 mm	1,260 x 1,020 x 2,070 mm	1,260 x 1,020 x 2,250 mm
Weight	About 1,010 kg	About 1,025 kg	About 1,110 kg
Canister capacity	420EA (S: 168, L: 168, L1: 84)	480EA (S: 192, L: 192, L1: 96)	576EA (S: 192, L: 288, L2 96)
Maximum working rate	Max. 30pack/min		
STS capacity	60pack/1 tray		
U-Canister Capacity	Max. 280 tablet (Based on 1 Tablet sized 9.2 mm x 4.2 t)		
Pouch sizes (W x H)	Changeable (70 x 56mm/70 x 65mm/70 x 75mm/70 x 85mm/70 x 95mm) * 70 x 50 mm: Specific size is used as per SW option setting		
Tablet detection	Infrared light detection		
Display and input / PC	Touch Screen 25.6 cm (10.1") / All in one IPC / VISION IPC		
Camera	1296 x 966 (1.3M) 31 fps, 2CCD multi-spectral camera		
Main Frame	Swappable Main Frame		
Canister type	Automatic recognition of tablet location (ACRS)		
STS	STS Auto open Function, STS Tray Light		
Power consumption	800W		
Power Supply	America: 120V~, 60Hz / Europe: 220-240V~, 50/60Hz		
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	U-Canister: Max. 7EA	U-Canister: Max. 8EA	

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Features NSP⁺



ARD: Automatic Inspection & Re-dispensing prior to Packaging

You can select a pouch size from 5. Before moving to the packaging step, this feature allows to inspect the current dispensing status to check for any errors and then re-dispense if necessary, ensuring precise dispensing experience. Image of the medicine which were dispensed in error is shown in the monitor. The user can then select a re-dispensing option available. In case of a dispensing error, this feature allows to leave an error mark on the pouch with error to help the user to identify the pouch easily when re-inspecting.

- * All images can be saved.
- * ARD : Automatic Re-dispensing



Automatic Selection for Pouch Size

This feature allows to automatically calculate volume or count of the medicines in use to determine the best pouch size for the medicines and proceed the automatic dispensing accordingly. This feature is especially useful for dispensing small quantity of medicines to minimize the unnecessary use of the supplies. You can fully customize the information to print on the pouch including medicine shape, color, texture, expiry date, quantity, and barcode.

- * The available pouch sizes are 56, 65, 75, 85, and 95 mm, and you can manually specify the pouch size if needed.



U-Canister Automatic filling for 1/2 tablets or in a special shape

This feature allows an automatic dispensing of half dose tablets, sporadically used tablets, or tablets with special shape. All kinds of medicines can be automatically dispensed without canisters. This is useful especially for long term preparations.

- * Up to 7 – 8 U-Canisters can be installed depending on the model. When you select U-Canisters, the number of normal canisters to include decreases accordingly.



OCS Prescription data transfer system

Connected to OCS from the hospital pharmacy or from the local pharmacy system, the system allows fast and accurate information processing of a patient with customized specifications.

- * OCS(Ordering Communication System: Upon issuing medication order, this system manages overall activities of a patient within the hospital including automatic reception, hospital administration, general affairs, nursing, and treatment history.
- * Server PC is optional.



STS Tray Light

This feature allows a manual dispensing of half dose tablets, sporadically used tablets, or tablets with special shape. In case of packaging for multiple patients, the integrated LED lamp in each cell is conveniently color-coded to help the operator drop correct medication into each cell for the right patient.

- * LED lamp can turn on in 6 different colors.



ACRS Automatic recognition of tablet location

ACRS Canister has a unique ID which allows to self-recognize its location to prevent potential dispensing errors. Data is stored in a chip or RFID tag, supporting medical items tracking & management, using items by expiry date based on the first-come-first-serve principal, and automated inventory control.

- * ACRS (Automatic Canister Recognized System)
- * For tracking, FCFS (first-come-first-serve) status, automatic inventory management, a separate program is required.





Optional

Barcode settings

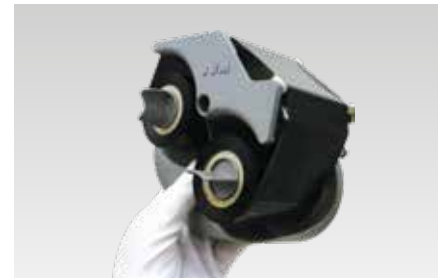
You can use the barcode to prevent from refilling wrong medication into the specified canister. Meanwhile, the system uses an electronic scale for accurate medication volume control. In addition, you can track and manage all monitoring -required medication easily.



Swappable Main Frame

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

* Additional main frame can be sold separately.



Easy to replace ribbon

The application of one touch detachable cartridge printer assembly makes it easier and faster to replace Ribbon.

* Additional Ribbon cartridge can be sold separately.



Bulk Paper Roll

Uses a 600 meter Jumbo Paper Roll, twice more than the traditional one, saving time to replace the paper roll.

* To be available in Q3 2018.



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