



The Automatic Tablet Dispensing and Packaging System (ATDPS) is a fully-automatic, drug-specific, and patient-individual dose packing system for strings of transparent sachets. The system can dispense, pack and print sachets for single or multiple doses, as well as mixed doses with all the important dose administration information. A maximum of 3600 drugs doses can be processed per hour for automatic dispensing to more than 1800 beds. The Special Tablet System (STS) is incorporated and allows the inclusion of special tablets in the production run.

The system is compatible with all standard hospital information and patient administration systems. Authorization is conveniently handled using RFID (a unique radio frequency code) and provided that a user has appropriate access rights, the production can be managed. The trays used for the STS are also outfitted with a RFID chip, ensuring that only the right STS tray is accepted by the ATDPS.



ATDPS

Automatic Tablet Dispensing & Packaging System

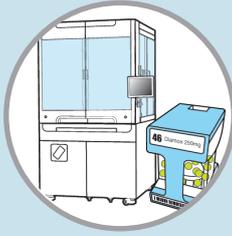
Slide Type

JV-330SLD

JV-400SLD

JV-350SLD

JV-500SLD

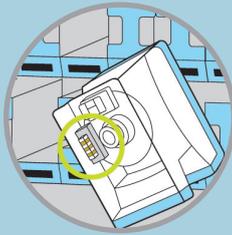


Increased visibility and capacity

This model allows to check the current contents of the canisters and refill when necessary. Canisters containing frequently-used medication can be conveniently positioned up-front for fast access and refilling.

Printing for a safe medication control

The print lay out is flexible and all important information can be printed. Moreover, every sachet can be identified by printing a unique barcode. The drugs are packed airtight and can be dispensed unit-dose, multi-dose or combi-dose.



Automatic Canister Recognition System: ACRS-II

Each canister is equipped with a unique chip ID. In this way the system recognizes each canister no matter where it is placed in the machine. This ensures safety and convenient flexibility. Every event is logged for full traceability.

Compliance with the highest hygiene standards

Our ATDPS is constructed in such a way that it can be easily cleaned, since most parts are removable. An important condition for producing blister packs for each patient in accordance with the highest hygiene standards.



Special Tablet System (STS)

Special tablets, such as special-shaped drugs, medication in its primary packaging, rarely used medication or broken tablets are entered into a special 60-cell tray. This tray can be put in the STS drawer to automatically incorporate it in the job.

System alerts and convenient touch screen

System status alerts for "door open", "paper/ribbon empty", "refill canister" and other messages are indicated on the screen. In addition, a matrix board alerts operators with clear messages. The touch screen monitor facilitates all operations without the need of a keyboard or mouse.



Drug management and control

The canisters that are used to store the different drugs in the machine have a microchip containing an ID number, ensuring unique identification by the ATDPS. A unique barcode on the canister guarantees correct filling using barcode scanners.

Order Carrier System (OCS)

The system can communicate with nearly all local pharmacy and hospital systems and prescriptions can be automatically imported via an OCS file. This file contains the necessary data for correct dispensing, such as medication, administration time, patient and doctor information.



Specifications



Model		JV-330SLD	JV-350SLD	JV-400SLD	JV-500SLD
Mains Power					
Mains voltage		VAC/Hz AC 230~240V, 60Hz / AC 120V, 60Hz			
Power consumption	Watt	Typical 230 (max 900w)			
Machine characteristics					
Maximum working rate	Unit-dose	60 sachets/min.			
	Multi-dose	50 sachets/min.			
	STS	60 sachets/min.			
Canister capacity					
Total	Locations	330	350	400	500
Medium canisters	Locations	198	210	202	288
Large canisters	Locations	54	58	120	132
Extra large canisters	Locations	78	82	78	80
General					
STS capacity	Cell / tray	60 cells / 1 tray			
Sachet size (l x b)		70 x 75 mm (standard) - 70 x 55 mm (optional)			
Operation temperature		5 ~ 40 °C			
Operation humidity		10 ~ 80 %			
Tablet detection		Infra-red			
Touch-screen		Resistive, 10.4", colour			
Approval		CE			
Printing system		Thermal transfer system: any number of typefaces possible			
Text Info		Possible to support graphic Windows environment. Possible to print all characters and barcodes.			
Model Dimensions and weight					
Dimensions - W x D x H (mm)		1087 x 1200 x 2007	1087 x 1200 x 2007	1087 x 1200 x 2162	1087 x 1200 x 2299
Weight in Kg		930	940	1050	1160