Omnicell®

MDS Blister Pack-Filling Automation

Ultra-compact automated solutions for community pharmacies

Compatible with SureMed multi-medication adherence cards



It's time to streamline your MDS service

More patients with more complex medication regimes has given rise to the monitored dosage system (MDS) compliance packaging aids.

And whilst MDS has been a very important tool to combat poor patient medication adherence, fulfilling rising MDS-based prescriptions has become a growing burden on community pharmacy resources.

Because of the time-intensive nature of filling multi-dose packaging, for example at 6 minutes per 28-day blister tray on average*, many local pharmacies are unable to take on more MDS patients, reducing growth opportunities.

MDS preparation also takes staff resources away from providing more clinical services.

And of course, errors can be made, as staff are required to painstakingly fill and check each dose by hand from a huge range of medication lines.

MDS - tackling the medication adherence problem

The World Health Organisation cites poor medical adherence as a contributor to the increase of morbidity, mortality, hospitalisations and health costs.

MDS can tackle:

237m medication errors per year in the UK

54% administration errors

16% dispensing errors

Medication without harm, WHO Report, Sabate, 2003. Economic analysis of the prevalence and clinical & economic burden of medication error in England, Elliott, Camacho, Jankovic, Sculpher, Faria, 2020



This is where MDS blister pack-filling automation from Omnicell comes in. We can release you from the burden of error-prone manual MDS preparation work, freeing up your team to see more patients, and helping you to grow your business.

** Weekly 7 x 4 blister packs with multiple medications, based on tests at an Omnicell customer site*

The benefits of automating your MDS processes with Omnicell

By choosing the JVM DOB automated blister pack-filling system, you'll be able to take on more MDS patients, whilst releasing staff to focus on higher revenue-generating activities.

For your business

- Release staff for more profitable customer-facing services
- Easy, one-person operation to prepare MDS prescriptions, scale up without more staff cost
- Differentiate your prescription service with easy-to-follow medication instructions and pictures
- Reduce prescription errors and improve patient loyalty
- Reduce inventory waste with expiring medication detection
- Increase storage space within your pharmacy
- Interfaces with a range of PMR systems for an integrated workflow

For your patients

- Improves medication adherence, ensuring your patients get the right medication, the right dose, at the right time
- Better labelling on your MDS prescriptions allows your patients to quickly understand what medication they're taking
- Reduces the daily burden for patients of following their medication regime, or for the carer responsible for administering it

Compatible with SureMed blister packaging...

Familiar, strong, clear

Easy-to-follow instructions with images of daily medications, a wide range of blister formats, detachable compartment versions available, fully customised design (minimum quantity applies).



Integrated with your PMR system

Compatible with Pharmacy Management Systems, the software associated with the machine enables easy workflow management including pill tracking, expiry date management and automated inventory control.

Features of the JVM DOB

Ultra-compact

- Highly productive use of space - slim profile with a front opening door maximises space efficiency, with a total footprint of just 0.62m²
- Dispenses from 72 or 208 canisters in a unit that's 0.99m wide, 0.63m deep and 2.15m high

Highly efficient

- Up to 25* (72DOB) or 35* (208DOB) multi-dose blister trays per hour
- Capacity to fill up to ten blister trays continuously
- Safe and accurate manual filling of low-frequency special-shaped, or halved tablets with a dedicated tray (STS)
- Auto-canister option available for dispensing low frequency, special-shaped, or halved tablets (JVM 208DOB only)
- Frequently dispensed medications can be placed at the front for easy inventory check and refill
- Emergency dispensing mode allows you to react quickly with one click, moving an urgent item to next in the queue
- Smart workflow with detachable magazine that can be moved easily to your workspace



JVM 72DOB



JVM 208DOB



*Numbers can vary based on packing parameters, e.g. number of pills per cup, manual additions, number of intake moments etc.

Features of the JVM DOB

Intelligent

- Safer medication management – with RFID tag and barcode scanning that allows you to cross-check the canister and medication before sealing each blister or pouch to increase dispensing accuracy
- Loading error alerts, regardless of where the canister is moved around the JVM DOB – through an Automatic Canister Recognised System that prevents dispensing errors by assigning a medication to each canister
- Smart inventory management – see medication location, usage and expiry data location, usage, and expiry date visibility data
- Options to add sensor-control and light-guidance tools for manual loading of special-shaped, half dose or infrequently used medications, to improve accuracy and reduce handling time

User-friendly

- 26cm embedded touchscreen monitor for easy user interface and intuitive control (208DOB model only, the 72DOB requires a PC with Oncube Server)
- With the Sealing Guide option each completed blister card can be sealed more quickly, and with an in-built camera each blister can be photographed, allowing you to provide images of each blister cell for an improved audit trail
- Sound and pop-up notifications inform the user of an event even when the user is dealing with a different task
- Detachable and revolving components plus a sliding rail means the JVM DOB is designed with easy maintenance and cleaning in mind



Designed for your pharmacy. Ready for your future


OMNICELL VBM 200F


JVM 72DOB


JVM 208DOB


JVM DO

Whether you're just starting your MDS journey, scaling your services, or managing high volume operations, Omnicell has an automation solution to meet your needs. From blister to pouch formats, our flexible medication adherence range supports your pharmacy's growth and your patients' need – today and in the future.

Explore our complete range of automation solutions at www.omnicell.co.uk



Give your patients the best chance to adhere to medication with SureMed® by Omnicell Multimed Blister Cards.

Improving medication adherence

SureMed® by Omnicell multi-medication adherence cards

The JVM DOB machine uses bespoke SureMed® MDS medication blister cards which are designed to improve patient adherence by clearly organising and labelling multiple medications.



Consolidated label with **full colour drug images** and dosage instructions

Easy-to-understand, clearly marked days-of-the-week

Ability to include patient photo as well as details for improved safety.

SureMed assures a dependable barrier from humidity and dust for repackaging of solid oral medications, once the container is sealed.



Let’s start your automation journey today.

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