

MDS Pouch-Filling Automation

Ultra-compact automated solutions for community pharmacies

Compatible with JVM multi-medication pouches



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 pouch packaging, many local pharmacies are unable to take on more MDS patients, reducing growth opportunities. MDS preparation also takes staff resources away from providing more revenue-generating 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 pouch-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.



The benefits of automating your MDS processes with Omnicell

By choosing the JVM DO 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
- Option to add automatic inspection of the finished pouches to reduce pharmacy check times
- 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



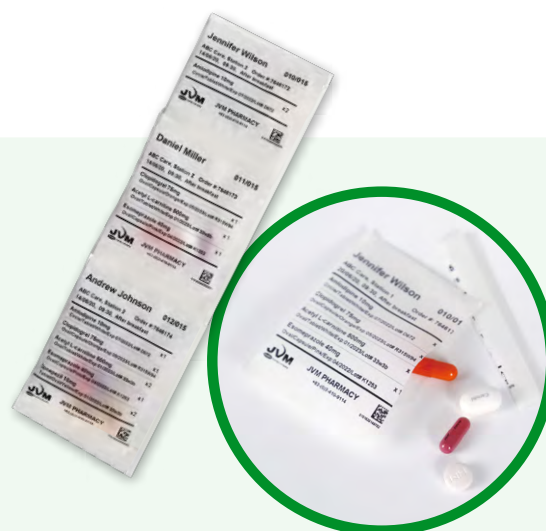
For your patients

- 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 JVM pouch packaging...

Safe, simple, discrete

Various sizes available. Customised print layout. Print your pharmacy logo, medication name, dose, barcode and date. Easy-to-open pouches are also simple to tear and go, so patients only take what they need with them.



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 DO



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 208 canisters in a unit that's 0.99m wide, 0.63m deep and 2.04m high



Highly efficient

- Up to 50 multi-dose pouches filled per minute
- Can work with 5 different pouch sizes
- Safe and accurate manual filling of low-frequency special-shaped, or halved tablets with dedicated tray (STS)
- Automatic pouch inspection of the finished pouches to detect any possible errors (optional)
- Auto-canister available for dispensing high-frequency, special-shaped, or halved tablets
- 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



Features of the JVM DO



Intelligent

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



Easy to live with

- With the Vizen EX inspection check, each completed pouch can be verified to detect any possible errors, streamlining your manual pharmacy check process (optional)
- 26cm embedded touch screen monitor for easy user interface and intuitive control
- 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 DO is designed with easy maintenance and cleaning in mind



OMNICELL
VBM 200F

Is the JVM DO solution right for me?

If you are dispensing for up to 300 MDS patients per week then the JVM DO is your ideal solution. But if you're looking to scale your MDS business beyond 300 patients then consider the **Omnicell VBM 200F**. The VBM 200F is the only MDS blister pack-filling system worldwide that also checks and validates each medication, with its unique vision check technology, reducing card preparation time even further.



Let's start your
automation journey today.

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