



Transforming pharmacy's future

# Transforming pharmacy with automation

At Douglas, our aim is to improve lives.

Founded in 1967 by Sir Graeme Douglas, we're proud of the contribution our world-class research, products and technology makes to advancing wellness and healthcare in New Zealand and further afield.

Our talented team works with innovative partners to research, develop, manufacture and distribute both pharmaceutical and nutraceutical products around the globe. We also manufacture and distribute a range of consumer healthcare products.

Through our business unit Douglas Automation, we're transforming the future of pharmacy by supplying automated dispensing machines that improve the efficiency and accuracy of pharmacy dispensing.

# Offering premium automation solutions to pharmacies

Douglas Automation is uniquely positioned as the only supplier in New Zealand offering a full range of Automated Robotic Dispensing Solutions to pharmacies and their owners.

We're committed to helping you develop the future of your business by being a trusted partner, providing expert product advice, training and reliable after-sales service.

And we're always open to discussing your pharmacy's pain points, and advising you on future-proof automation solutions.

## Here's how we can support you

### Product advice & training

We have a team of professional sales representatives spread throughout the North and South Islands keen to support you with expert advice on the most suitable automation solution for your particular pharmacy. Once you've made your purchase, we will also deliver ongoing training to help you realise the full potential of your automated robotic dispensing solution.

### Payment plans

We know the importance of careful financial and cashflow management. Therefore to ease the initial capital outlay, Douglas Automation offers a series of flexible payment plans. Our sales team will work closely with you to determine which payment plan is best aligned with your pharmacy and goals.

### After-sales support

A team of experienced technicians located across the North and South Islands will support the value you derive from your automated robotic dispensing solution, with a guarantee of prompt, reliable after-sales support. In addition, our partnership with USL expands our technical support capabilities. Remote assistance is provided within 4 hours, while on-site servicing will be scheduled within 3 working days.

### Care plans

Douglas offers two care plans – Basic and Comprehensive. This lets you pick the best option to match your pharmacy's operations and resources.

**Basic Care:** This provides entry level support, including routine annual servicing to meet audit standards and machine maintenance requirements. However additional remote or on-site support beyond the annual service is subject to extra charges for parts, labour and travel.

**Comprehensive Care:** This is our premium level of after-sales care. The Comprehensive Care plan prioritises security and maximum machine uptime. It incorporates all features of the Basic Care plan, adding comprehensive coverage for both remote and on-site support. Replacement parts, labour and travel expenses are all included. With this plan, you're assured of rapid resolution to any problems without any disruption or extra financial pressure on your pharmacy.





DTA  
DETACHABLE TABLET ADAPTER

注意  
この容器は、  
錠剤を収納する  
ための容器です。  
錠剤を収納する  
前に、必ずこの  
容器を確認し、  
正しい向きに  
設置してください。

010101  
101  
Drug B

PUSH OPEN





Fast

Accurate

Convenient

# Kirby Lester KL1 Pill Counter

The Kirby Lester KL1 is the **smallest and fastest automated pill and tablet counter available.**

Its compact size means it fits neatly into even the most crowded workspace.

The KL1 is versatile enough to count almost any tablet or capsule quickly, accurately and conveniently, without ever needing recalibration.

Save your staff hours, reduce errors and ensure you have more time to deliver direct patient care.

## **Fast counting**

An average 14.3 seconds faster than hand-counting for a 90 count Rx.

## **Reduced noise output**

Quiet Count Tray and Funnel Kit reduces noise output by 60%.

## **Absolute accuracy**

Counts almost any tablet or capsule without calibration, maintaining absolute accuracy.

## **Simple setup**

Stand-alone design means you simply plug in and start counting.





-   
Fast
-   
Accurate
-   
Secure
-   
Flexible

# EV54 Nano

## Vial Dispensing Robot

The EV54 Nano holds 54 factory-calibrated 900cc canisters.

With cutting edge precision counting technology, barcode verification, secure cassette locking system and direct filling capability, the EV54 Nano sets a new standard for safety.

**Locking canisters and chutes**  
The EV54 Nano holds 54 locking canisters, accessible only through software authorisation, ensuring complete medication security until dispensed.

**Direct fill**  
The EV54 Nano fills directly from canisters to eliminate the chance of cross-contamination. To maximise safety, medications can only dispense from their appropriate locations.

**Factory-calibrated canisters**  
Canisters are individually customised by medication, guaranteeing optimal accuracy and preventing tablet miscounts. The generous 900cc canisters accommodate entire medication bottles, minimising refilling time.

**Multiple dispensing options**  
Immediate script dispensing, pause in a virtual queue, or a flexible hybrid mode to suit your workflow needs.

**Easy maintenance**  
Detachable canister chutes and canisters ensure effortless cleaning, streamlining maintenance procedures.

Performance detail	
Speed per canister *	Average 90 tabs in 14 seconds
Canisters	54 canisters
Capacity	900 cc
Dimensions (mm)	x 1520 (W) x 320 (D) x 2040 (H)

\* Multiple canisters can be dispensing simultaneously





POWER



BAR CODE  
READER



CUTTER

On Line



Paper



FEED





- Efficient
- Fast
- Accurate
- Secure

# Alpaca Blister Robot

This is ideal solution for pharmacies of all sizes.

The Alpaca is designed for safe, fast, accurate and reliable dispensing of blister packs, and increases your productivity by 6:1 compared to manual packing of blisters.

**Increases productivity by up to 70%**

The Alpaca's fast pack option automatically starts dispensing medication for the next blister pack while the current pack is being sealed.

**Increases patient safety**

Leveraging barcode technology, the Alpaca guarantees the precise matching of prescription foils with dispensed blisters. It also identifies and verifies manual fill medications before dispensing into the blister pack.

**Increases accuracy**

Each free position medication canister, equipped with its unique barcode, ensures seamless identification regardless of its placement. The Alpaca's extensive canister database supports up to 520 canisters simultaneously.

**Canister verification**

Through barcode integration, the system guarantees accurate and verified medication dispensing with every canister refill, further enhancing patient safety.

**Comprehensive reporting**

The Alpaca compiles essential reports including manual fill requirements and monthly medication usage, optimising packing efficiency.

**Save time**

Larger format Alpaca blister packs and pottles simplify medication identification and can reduce blister checking time by up to 50%.

Performance detail	
Packing speed	1 blister pack per minute
60 free position canisters **	6 large canisters 54 regular canisters
Buffer tray	28 cells
Dimensions (mm)	x 890 (W) x 645 (D) x 2170 (H)

\*\* 100 canisters provided with purchase





- Efficient
- Fast
- Accurate
- Secure

# Litrea III

## Sachet Robot

The perfect solution for small to medium-size pharmacies.

Designed to enable non-stop packing, the Litrea III frees up your staff by automating numerous repetitive and labour-intensive tasks

**Non-stop packing**  
Canisters are automatically brought to the front when the medication levels run low, reducing the need to pause for refills.

**RFID chip technology**  
Each canister is equipped with an RFID chip, ensuring seamless identification of medication irrespective of the slot used.

**Canister refilling verification**  
A two-step barcode and RFID function guarantees accurate medication dispensing with each canister refill, enhancing patient safety.

**Universal (UC) canisters**  
Adapts to dispense various tablets using the same canister. Each medication poured into the UC canister prompts a change in the drug route, enhancing safety and accuracy in dispensing, thereby reducing manual dispensing and potential errors via the DTA Tray.

**Automated tablet cutting**  
Whole tablets can be effortlessly halved during the packaging process, saving valuable resources and eliminating manual cutting and canister filling.

**Sachet resizing**  
Pouch sizes are adjusted according to the tablet quantity being packed to reduce wastage and raw materials costs.

Performance detail	
Packing speed	60 sachets per minute
Sachet size (mm)	Selectable - 60, 70, 76, 80 or 90
112 RFID canisters	104 free position 4 half-cut 4 universal
DTA tray	48 cells
Dimensions (mm)	x 610 (W) x 627 (D) x 1979 (H)



- Efficient
- Fast
- Accurate
- Versatile

# ProudNEO

## Sachet Robot

This is the ideal solution for medium to large-size pharmacies.

Delivering unmatched accuracy, safety and versatile functionality, ProudNEO boosts your efficiency and reliability, streamlining daily workflows.

Incorporating variable and universal canisters with DTA LED-guided fills, ProudNEO will immediately elevate your pharmacy's productivity.

**Non-stop packing**  
Canisters are automatically brought to the front when the medication levels run low, reducing the need to pause for refills.

**RFID chip technology**  
Each canister is equipped with an RFID chip, ensuring seamless identification of medication irrespective of the slot used.

**Canister refilling verification**  
A two-step barcode and RFID function guarantees accurate medication dispensing with each canister refill, enhancing patient safety.

**Variable canister (VC)**  
Constant tender changes to medications require new canisters. The new variable canister (VC) can be calibrated to accommodate new medications, saving time and money.

**Universal canisters (UC)**  
Adapts to dispense various tablets from the same canister. Each medication poured into the UC canister prompts a change in the drug route, enhancing safety and accuracy in dispensing, thereby reducing manual dispensing and potential errors via the DTA Tray.

**Automated tablet cutting**  
Whole tablets can be effortlessly halved during the packaging process, saving valuable resources and eliminating manual cutting and canister filling.

**Sachet resizing**  
Pouch sizes are adjusted according to the tablet quantity being packed to reduce wastage and raw materials costs.

Performance detail	
Packing speed	60 sachets per minute
Sachet size (mm)	Selectable - 60, 70, 76, 80 or 90
264 RFID canisters	254 free position or variable 6 half-cut 4 universal
DTA tray	63 cells LED-guided fill
Dimensions (mm)	x 890 (W) x 1030 (D) x 1998 (H)



# Sachet Robot Canister Options



**RFID canister**  
Compatible with Litrea III & ProudNEO

Automatic registration of each RFID-equipped canister lets you position them freely within the robot. The RFID chip ensures identification and safety if you need to withdraw and replenish multiple canisters simultaneously.



**Variable canister (VC)**  
Compatible with ProudNEO

A canister which can be calibrated to various medication sizes, covering around 60% of medications commonly dispensed in compliance packaging. The new VC canister eliminates the need to order new canisters, saving time and money. Instead simply calibrate the canister to match the new medication.



**Half-cutter canister**  
Compatible with Litrea III & ProudNEO

Specially designed canisters make automatic tablet halving and sachet packing an effortless affair, eliminating multiple time-consuming tasks.



**Universal canister (UC)**  
Compatible with Litrea III & ProudNEO

A new UC canister that adapts to accurately dispensing various different tablets, all from the same canister. Reduces manual dispensing and DTA tray errors.



**Universal half canister (HC-UC)**  
Compatible with ProudNEO

The HC-UC canister shares the same efficient functionality of the UC canister, accommodating both whole and half-tablets. Note: whole and half-tablets cannot be dispensing simultaneously.

*Note: Not all medications are compatible with every canister type.*



UCNo:00100  
Aspirin (2mg Tab)

21TAB  
Ms. Jennifer  
IRBESARTAN 300 MG



# Our automation partners

To support our aim of transforming the future of pharmacy, enhancing patient safety, deepening pharmacy capabilities and the all-important goal of delivering the best patient care, we've forged partnerships with world-leading pharmacy automation brands like Yuyama and Capsa Healthcare.



## Capsa Healthcare

Capsa are worldwide medical supplier specialising in point-of-care workstations, medication management solutions, supplies storage and pharmacy automation systems. Their range of integrated solutions is developed based on a comprehensive understanding of customers' challenges and priorities.



## Yuyama

Founded in Osaka, Japan in 1964, Yuyama specialise in medical and pharmaceutical automation. They are the world's largest pharmacy automation company, and pioneered automatic prescription-filing machines. Driven by a strong innovation culture, their machines are renowned for being user-friendly, reliable, fast and with a focus on patient safety. Yuyama is still setting the pace of pharmacy automation evolution and has a presence in Japan, USA, Europe, China, Korea, Taiwan and Saudi Arabia.

# Talk to us

The entire Douglas Automation team is dedicated to supporting pharmacies with high-end automated solutions that assist you in becoming more efficient, productive and capable of providing a higher level of patient care and safety.

If you'd like to discuss how we can transform your future, please contact:

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