



# DAVIES DIAGNOSTICS

Diagnostics News

MARCH 2023

On our company's 40th birthday we would like to thank all our customers for trusting us and for always trusting us to always have your back. We would like to thank you for all your appreciation and support. It is an absolute honour to serve you. We would never have made it this far if we didn't have associates like you.

Also, a big thank you to all our employees, for we appreciate and thank you for your hard work and dedication to the company over the years. The company



*"Every time I've changed roles. It's been to a significantly different role with new challenges and opportunities.*

*There is always something going on, always something interesting to work on, and always great people to work with!"*

**Greg Duncan-Trail—General Manager**

We are lucky to have such a thoughtful, smart, and decisive leader in our team. Your wise solutions have seen us through the worst storms, and we would never thank you enough. For now, let's celebrate your **30th work anniversary.**

**Have a good one!**

The least we could do to show admiration for you on this special day is speaking of your past achievements. We identify with the thirty years you have served us. Indeed, you have been the best boss. You are highly blessed with rare qualities that make you so efficient and influential.

***Happy work anniversary.***

**30 YEARS**  
at  
**Davies Diagnostics**  
**(Pty) Ltd**

# AIX1000®

NEW

The AIX1000® is an FDA cleared, CE marked, fully automated system for nontreponemal, rapid plasma reagin (RPR) testing designed to simplify the processing, analysis, and results interpretation for RPR screens and titers.

With the new universal slide-in rack system accommodating a variety of tube sizes, sample loading has become even easier and faster.



## POSITIVE IDENTIFICATION OF SAMPLES & STRIPS

- Runs screens and titers – up to 192 samples in 90 minutes
- Full sample traceability: integrated barcode reading compatible with 1D and 2D barcodes
- Proprietary image recognition algorithm gives objective results
- Reduced labour overhead: reduced TAT and hands on
- Easy access to test results: save data and review on demand
- Improved Database Management cutting in half the time to perform backups/restore
- Remote data archiving capabilities and an expandable status log
- For use with AIX1000® RPR Reagent kit (cat # GSD01-1600)

## Call us now for further information!

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# GOOD THINKING

## **A man ordered for a voice automated robot car.**

A man ordered for a voice automated robot car that does anything he Tells it to do correctly without any error.

He got the car and started sending it on errands. He became very proud of what the car could do without mistakes.

One day, he was home and his wife told him to tell the car to go and pick the children from school as she was very tired.

The man agreed and said to the car... Car, go and bring my children from school.

The car went and didn't return in time as expected, they knew something must be wrong.

Several hours later and no car, the man became apprehensive.

He dressed up and got ready to lodge a report at the police station.

As he and his wife stepped outside they saw the car coming with an overload of children.

The car parked right in front of them and said... "These are your children sir..!"

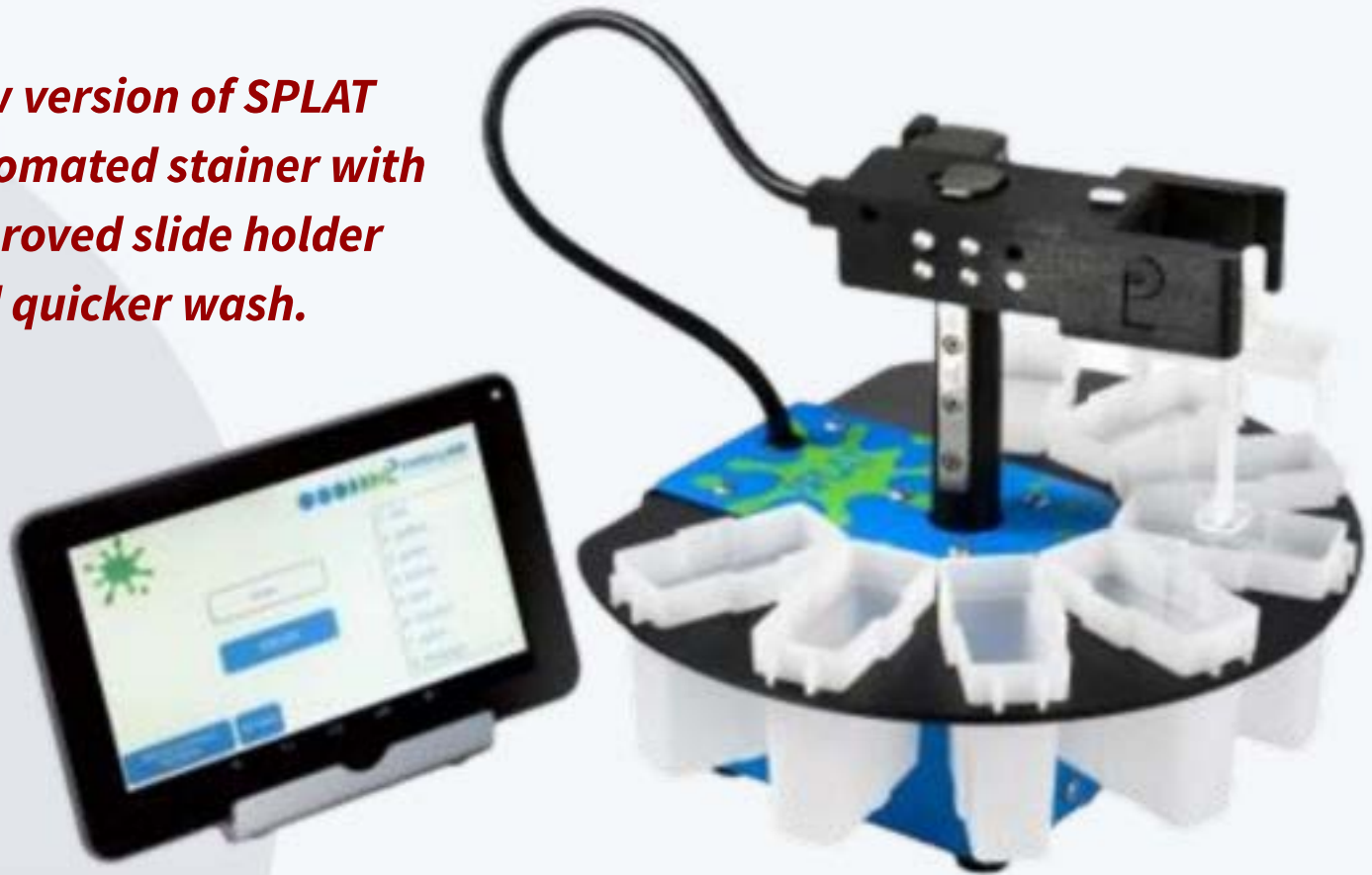
In the car were their Landlady's two daughters, his wife's best friend's daughter, his secretary's son and their neighbours two sons.

**When it comes to making life  
liveable, small pieces of wisdom  
are often more valuable than  
great weighty thoughts!**



# SPLAT® AUTOMATED STAINING

*New version of SPLAT automated stainer with improved slide holder and quicker wash.*



- Easy to install
- No tap required –It fills and empties into 2L containers
  - Stains 8 slides at once
- Easy to programme Stain protocol set using the tablet.
  - Unlimited number of staining techniques
  - Intuitive software
- 7 stain positions –Suitable for Microbiology, Histology and
  - Haematology staining techniques
  - 70ml stain capacity –More economical
- Rinse water is always clean. It fills in anticipation of each wash
  - and empties after every dip.
  - Water fill and empty speed can be adjusted
    - Alarms when cycle complete



# VirClia® Lotus

## **‘THE REVOLUTION IN INFECTIOUS SEROLOGY:**

*ANY TEST, ANY SAMPLE, ANY TIME’*

### **RANDOM ACCESS, CONTINUOUS LOADING**

VirClia® Lotus accepts any combination of samples and reagents, regardless of the instrument status. Even while running, it remains accessible for reagent and sample addition.

### **STAT FUNCTION**

Urgent samples can be prioritized. With VirClia® Lotus, STAT test requests are given the highest priority for processing.

### **TOTAL FLEXIBILITY**

This true monotest solution allows the laboratory to run esoteric and low-volume infectious serology tests daily, alongside the laboratory routine. VirClia® Lotus unifies in just one CLIA system, all those parameters typically performed with ELISA, IFA or Rapid Tests.



### **MAIN FEATURES / KEY UPDATES**

VirClia® Lotus built-in scanner allows for full traceability of both samples and strips, avoiding clerical errors

### **SAMPLE PRIMARY TUBES**

Save hands-on-time using primary tubes (11-16 mm) directly in VirClia® Lotus, avoiding the inconvenience of transferring samples or performing external predilutions

### **EXCELLENT TURNAROUND TIME**

Results appear as soon as they are processed. The first results are available within 70 minutes and then, every 35 seconds thereafter. The system is able to process 40 tests in 90 minutes. VirClia® Lotus holds up to 79 different monotests on-board and 50 primary sample tubes.



# VirClia® Monotest

## ALL IN ONE

We also provide a complete, fully automated platform together with self-contained monotests assays with all the needed reagents in the strip including calibrators and controls.

## ALL ARE ONE

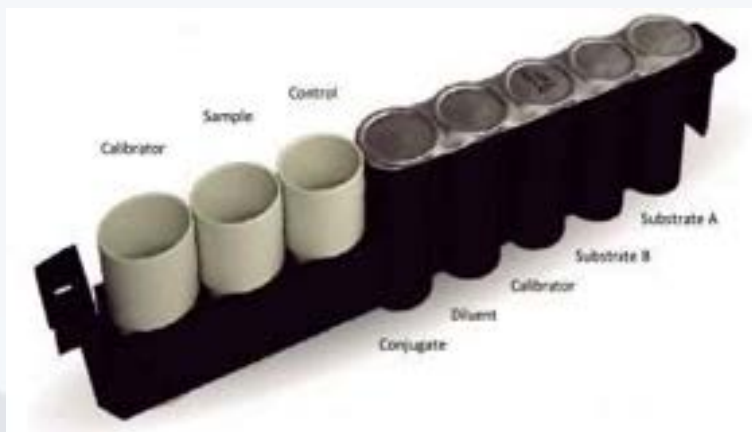
More than 90 tests available with compatible protocols, no special workflow considerations.

All different assays can be treated as one.



## NO HIDDEN COSTS

- On-demand testing, 1 monotest = 1 reportable test
- Individual quality control per monotest, no need for extra controls or calibrations
- Shelf life associated to each individual strip; no throwing away unused components after opening!



## Save the Date

We will be attending the 26th National Congress of the Society of Medical Laboratory Technology of South Africa as exhibitors, that will be held from the 19-22 of October 2023 at the Birchwood Hotel and OR Tambo Conference Centre, Boksburg.

**See you at stand 27 & 28**



# Automated Coagulation Analyzer



## FEATURES

- APTT correction test
- Multiple type of sample:  
Venous whole blood, plasma
- Rapid detection and good repeatability
- Easy to operate, compact and flexible
- Small package detection

## OPERATION PROCESS

1. Add sample
2. Put disc in
3. Select items
4. Output results

Test Principle	Coagulation method immunoturbidimetry
Test Parameters	PT, APTT, FIB, TT, DD
Sample Types	Peripheral venous blood
Sample Position	12
Test Capacity	24/30/36 positions
Test Speed	≥180T/H
Reagent Storage	2-8°C
Reaction Temperature	37±1°C
Operating System	Android system
Size	490mm*440mm*590mm
Output Mode	External printer, LIS system





# Customer Feedback

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As part of our commitment to ISO9001:2008 we are continuously monitoring feedback from our customers. We are also continually striving to better our **EXTRA**ordinary Service philosophy. Should you have any comments, please send them to:

