

**BioVendor  
Group**

**CLIA**



## **Technology you understand**

**Set, run, exit – KleeYa® will take care  
of the rest**

**KleeYa®**



An entirely European solution



Up to 120 tests per hour



A broad portfolio of assays



Fully walk-away automated testing



Intuitive assay control

# Rely on European quality

The KleeYa® platform is an entirely European solution – an automated random-access analyzer providing high sensitivity and high sample throughput. Exceptional flexibility combines with complete reliability resulting in a cost-effective solution for the quantitative measurement of antigens and antibodies in biological fluids. CE IVD certification is granted.

The BioVendor Group chemiluminescence immunoassays are developed to operate in perfect synergy on the KleeYa® platform provided by Diatron.

KleeYa® works continuously – but you don't need to be there all the time, thanks to the fully automated “walk-away” system.



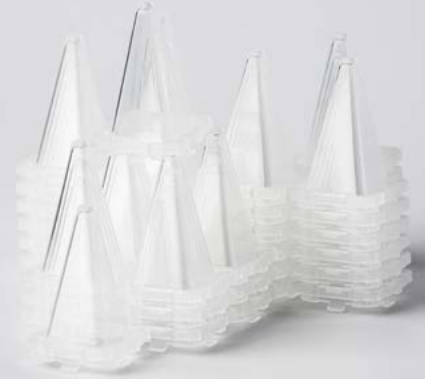
TECHNOLOGY SUPPLIER:

strattec●● diatron●●

# KleeYa® – an orchestra of perfectly coordinated details

## Sample loading system

This versatile system allows for a variety of different sample tubes to be used. The STAT function prioritises emergency samples at any position in the sample loading tray when urgent results are required.



## RFID reader

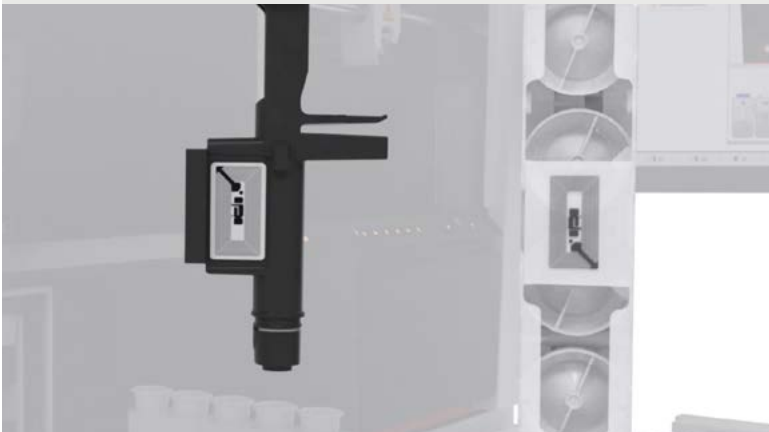
An advanced camera based barcode reader and two RFID tag readers provides simple and reliable sample, reagent, and consumable management with software connectivity to laboratory information system.



## Stackable cuvettes



Stackable square cuvettes ensure easy loading, error-free separation, and automatic handling based on pre-oriented insertion into the machine.



## Dispense Cartridge



Cartridges with rigid outer and flexible inner packaging create an airtight system that prevents the evaporation of working solutions.



# KleeYa® – an orchestra of perfectly coordinated details



## Anchor® Tips

The original Anchor® Tips with controlled gripping force ensure error-free pipetting, removing any risk of losing tips.



## Automatic pipettor

Reagent transfer pipettor with steel needle provides a smooth, elegant, contactless pipetting process, minimising any risk of contamination.



## Reagent Cartridge

Special Dynamic Sealing Caps prevent contamination, reduce the number of steel needle probe wash cycles, and ensure optimal on-board reagent stability.



## Variable analysis design

The KleeYa® platform is flexible, allowing you to choose a combination of single tests or groups of parameters to analyse an individual sample. It facilitates a comprehensive examination of the patient and a quick, accurate diagnosis.



## Technical specifications

<b>Operating mode</b>	Fully automated, continuous random-access processing
<b>Design</b>	Floorstanding
<b>Dimensions (Width × Depth × Height)</b>	133 cm × 70 cm × 147 cm without touch screen
<b>Weight (kg)</b>	277
<b>Input power</b>	100–240 VAC, 50–60 Hz
<b>Computer operating system</b>	Microsoft Windows 10
<b>User interface</b>	LCD touch monitor (integrated)
<b>Detection principle</b>	Binding of the immunocomplex to magnetic particles with subsequent detection of chemiluminescence (flash)

## Function

<b>Sample integrity check</b>	Yes
<b>STAT functionality</b>	Yes
<b>Reagent integrity check</b>	Yes
<b>LIS connection</b>	Bidirectional
<b>Washing station</b>	Integrated
<b>Integrated code readers</b>	Camera/RFID reader
<b>Maintenance</b>	Daily/weekly/monthly

## Analysis

<b>Output power (max. throughput/hour)</b>	120
<b>Number of different cartridges on board (capacity of reagent cartridges)</b>	16
<b>Reaction carousel</b>	Temperature 37°C ± 1°C
<b>Sample type</b>	Biological fluids (serum, plasma, saliva, swab eluate...)
<b>Sample tubes</b>	All up to 16 × 100 mm
<b>Capacity for placing samples on board</b>	72

## Reagents

<b>The minimum pipetting volume of reagents</b>	≥ 10 µl
<b>Method of pipetting reagents</b>	Pipetting arm
<b>Number of cuvettes stored on board</b>	500
<b>Processing volume of cuvettes</b>	600 µl
<b>Tip box – capacity</b>	192





## Perfection in every detail

The KleeYa® analyzer hides a whole range of innovative solutions that combine to form a harmonious and functional system for your lab.



# Step towards personalized medicine

Biovendor Group is committed to bringing a fully automated CLIA solution. We developed an attractive portfolio of both established and unique diagnostic parameters to complement the cutting-edge technology of the open KleeYa® platform provided by Diatron. Together, CLIA solution by BioVendor Group redefines the reliability and speed of current diagnostics.

**Join those who make the future  
of laboratory diagnostics**

Contact us

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or visit our website

**[clia.biovendor.group](http://clia.biovendor.group)**