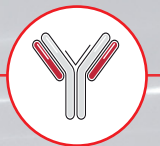


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KleeY^a

THE FLEXIBLE PLATFORM
FOR YOUR IMMUNOASSAY MENU



THE FLEXIBLE PLATFORM

FOR YOUR IMMUNOASSAY MENU

Today's clinical laboratories are challenged with improving efficiency and diagnostic effectiveness while increasing testing capabilities. The Diatron KleeYa platform provides a unique approach to the use of different bead based chemiluminescence technologies, offering superior assay performance and providing ease of use with cost containment. Explore the benefits that KleeYa can deliver to your immunoassay menu.

TIME PRESSURE
reduce your time to market



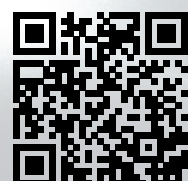
COMPREHENSIVE TEST MENU
concentrate on your core expertise - assay development



INCREASED SENSITIVITY AND COMPLEXITY OF TESTS
use a system providing all flexibility you need for assay development



INCREASED QUALITY/ SAFETY REQUIREMENTS
choose an automation from an experienced provider



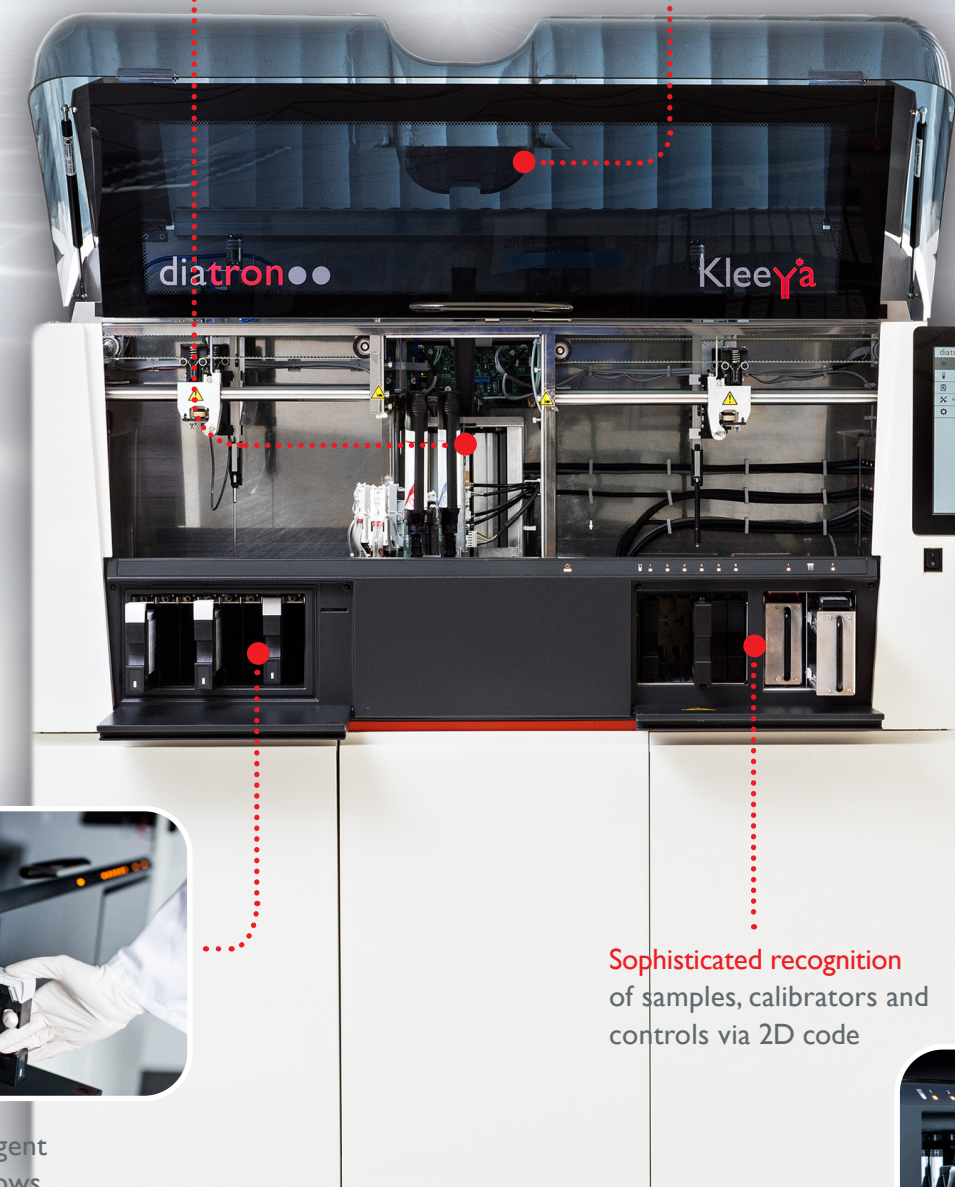
Watch the KleeYa video here



Flexible substrate system
flash or glow



Pre-oriented cuvettes allow
easy handling



Intuitive software
for optimized assay development



Modular Reagent
Cartridge allows
flexible assay design



Sophisticated recognition
of samples, calibrators and
controls via 2D code

SPECIFICATIONS

TECHNICAL SPECIFICATION

- Computer operation system:
Microsoft Windows 10
- Power requirement: 100-240 VAC, 50-60 Hz
- Dimensions (W x D x H):
133 cm x 70 cm x 147 cm
(monitor excluded)
52" x 27" x 58" (monitor excluded)
- Weight: 277 kg, 611 lbs

GENERAL CHARACTERISTICS

- System description: Continuous loading, random access
- Measurement principle:
Magnetic bead based
immunochemiluminescence
- Throughput: 120 tests/hour
(assay dependent)*

SAMPLE HANDLING

- Sample capacity: 72 (6 racks/12 positions)
- Continuous loading
- Sample tube: Accommodates a wide variety of tubes
- STAT handling: At any position in sample rack
- Sample dilution onboard:
Up to 1:50, using one additional cuvette
Up to 1:2,500, using two extra cuvettes

SAMPLE VOLUME

- Maximum pipetting volume/precision:
300 µl/CV 0.5 %*
- Minimum pipetting volume: 10 µl/CV 2 %*
- Sample integrity control: Liquid level and clot detection
- Sample barcode types:
1D codes:
Code 128 (A,B,C)
Code 39
Codabar
Code 2/5 Interleaved
2D Matrix codes:
Data Matrix (ECC200)
QR code

REAGENT HANDLING

- Reagent capacity: 16 Reagent Cartridges (8 racks/2 positions)
- Reagent storage: 10 °C
- Reagent Cartridge:
1 x 5 ml (magnetic beads)
Up to 4 x 5 ml/10 ml vials
Including Dynamic Sealing Cap
- Reagent Cartridge capacity: 100 tests*
- Maximum pipetting volume/precision:
500 µl/CV 0.5 %*
- Minimum pipetting volume: 10 µl/CV 2.5 %*
- Reagent integrity control:
Liquid level detection
- Reagent identification: RFID (r/w)
- Reagent rack: Wireless power and data transmission

SUBSTRATES

- Substrates: Flash and glow
- Primary container/package:
Dispense Cartridge
- Number of containers: 2
- Substrate volume: Approx. 2 x 270 ml*
- Dispense volume: Approx. 260 µl*
- Capacity: Approx. 1000 dispenses*

FEATURES

- LIS communication: HL7 protocol
- Log file: Displays history of analyzer actions/errors
- Graphical and statistical real-time QC
- Reflex testing
- Automatic rerun
- Remote access software
- Assay programming editor
- 1-step and 2-step assays
- Calibration and recalibration
- Pre-start inventory check

CONSUMABLES

- Disposable tip capacity: 192 (96 pcs/tray, 2 trays)
- Cuvette capacity: 500 (50 pcs/stack, 10 stacks)

*Performance criteria reached under optimal conditions

We are a member of the STRATEC Group | www.diatron.com | sales@diatron.com
Instrument is in development and not available for commercial sale in the USA.

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