

dia**tron**●●

Klee**Y**a

THE FLEXIBLE PLATFORM
FOR YOUR
IMMUNOASSAY MENU



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The demand for open CLIA analysers is increasing to address the laboratories challenges of improving efficiency and diagnostic effectiveness. 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.



Complexity of tests
Time pressure
Safety requirements
Costs

Watch the KleeYa video here

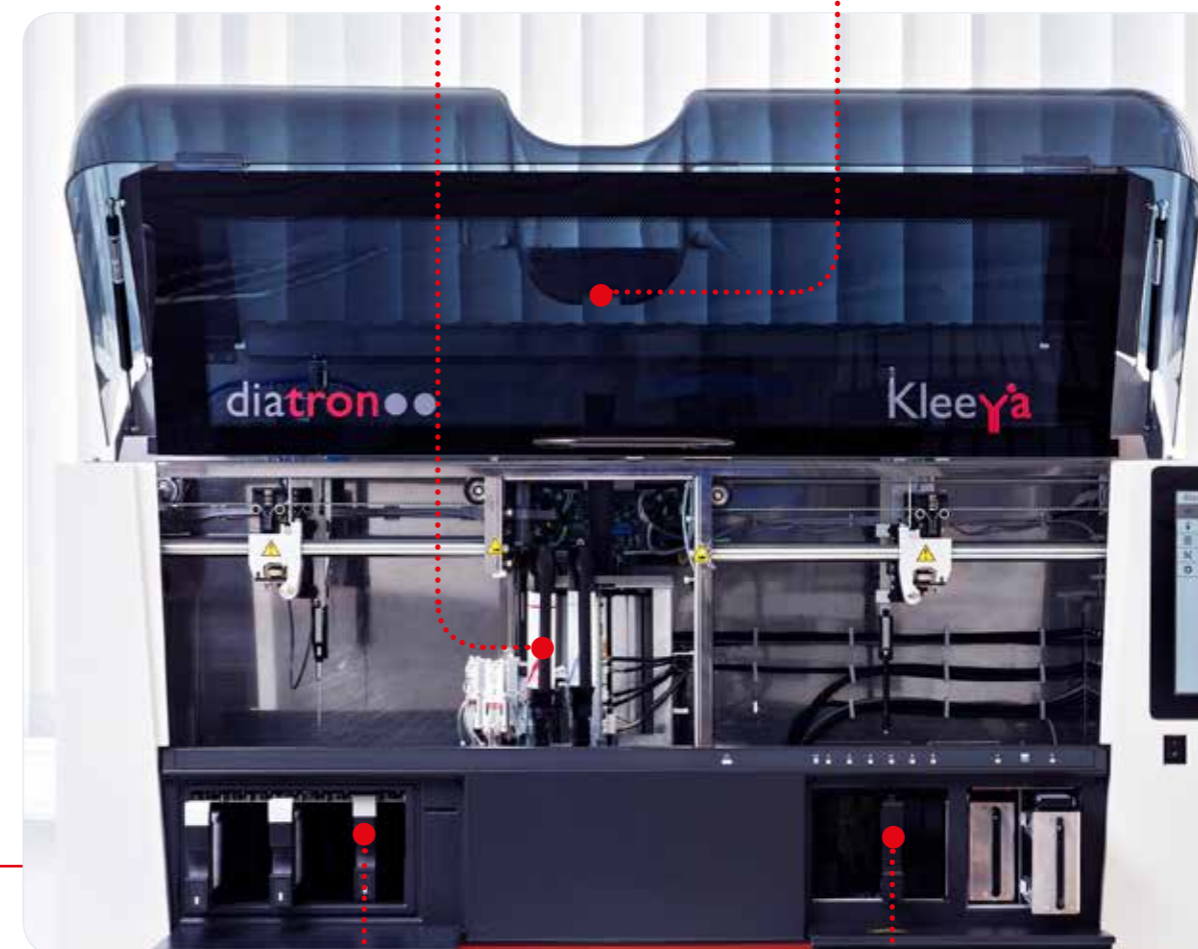


Modular Reagent
Cartridge continuous
reagent loading with
intelligent racks



Flexible
substrate system

Pre-oriented cuvettes
allow **easy handling**



Intuitive and
user-friendly
software



Sophisticated recognition
of samples, calibrators
and controls

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: 2 x 270 µl
- Dispense volume: Approx. 270 µl
- Capacity: 1000 dispenses

FEATURES

- Bidirectional LIS
- Graphical and statistical real-time QC
- Reflex testing
- Automatic rerun
- Remote access software
- Automatic back-up procedure
- 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)

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Instrument is in development and not available for commercial sale in the USA.

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