#### **FEATURES**

Reaction Principle	ALP-promoting chemiluminescence with magnetic particles as carriers
Time to Result	1st result within 50 min and 1 result every minute
Average Testing Speed	≥50 T / hour
Network Link	LIS and middleware, HL7 protocol
Reaction Temperature	37 ±0.5° C
Dimensions	w × d × h: 1240 mm × 790 mm × 1135 mm
Weight	350 kg
Urgent Sample Management	Insert urgent sample at any time
Sample Tubes Loading	6 sample racks, each with 10 sample positions
Maximum Number of Sample Tubes on Board	60 sample positions
Sample Cups	<ul> <li>Small sample tubes: 2 ml or 4 ml</li> <li>Original blood collection tubes: Φ12×68.5, Φ12×99, Φ12.7×75, Φ12.7×100, Φ13×75, Φ13×100</li> </ul>
Minimal Volume of Sample	Original blood collection tubes: liquid level height >10 mm; small sample cups: sample volume >300 µl.
Reagent Identification	Reagents are under closed management and identified by barcodes
Reagent Refrigeration Temperature	2~8° C
Sample Probe	Shared by reagents and samples
Sample Volume	5 ~ 100 μl depending on analysis

Pre-dilution function Included **Carryover Risk** <5 ppm Repeatability of Sample Addition Liquid level and probe clogging detection **Liquid Level and Probe Clogging Detection** supported **Temperature of Incubation Area** 37 ±0.3° C **Temperature of Washing Area** 37 ±0.5° C Volume of Liquid Injected for Cleaning  $300 \, \mu l \sim 500 \, \mu l$ 0 ~ 60M RLU\* Measurement Range **Linear Range** 3000 ~ 30M RLU\* Dark Count <150 RLU\* **Dark Count Calibration Method** Supports built-in master calibration curve, 2-point calibration; supports 6-point calibration Display 21" LCD Windows 8 OS **Data Input** Touchscreen, keyboard, external barcode reader Display, external printer, connection with LIS **Data Output Power Supply** 100-240 V~, 50 Hz/60 Hz, 1500 VA, proper grounding environment **Environment of use**  Ambient Temperature During Working  $10 \sim 25^{\circ}$  C, fluctuation <  $\pm 2^{\circ}$  C/H • Ambient Humidity During Working <70% RH, no condensation

• Altitude ≤2000 m

Avoid direct strong light

• Place away from magnetic field interference

\* RLU = Relative Light Units

BioCLIA™ range — V.01/2017 - UK Read carefully the instructions for use of the product insert before use. Pictures may differ from actual products.

Reagents

HOB Biotech Group (China)

EC REP Theradiag (France)

Instrument

Rayto (China)

EC REP Shangai International holding Corp. GmbH (Germany)



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More information



# **ENTER A NEW DIMENSION**

- CHEMILUMINESCENCE RANDOM ACCESS ANALYSER
- THERAPEUTIC DRUG MONITORING AND AUTOIMMUNITY WITHIN THE SAME RUN

AUTOIMMUNITY

• EASY TO USE AND TO MAINTAIN









# BIOCLIA 1200, AN INSTRUMENT FITTING YOUR NEEDS

# Only one instrument for autoimmunity and therapeutic drug monitoring



Wide lineary range

Random access sample loading and

Results whitin one hour

Autoimmunity and TDM reagent within the same run



# **ANALYZER**

## 1 - CARROUSELS

- 60 samples
- 24 reagents refrigerated on board
- Magnetic particules mixing system
- Positive identification of both sample and reagent

# 2 - PROBE

- · Capacitive liquid level detection
- Clot detection
- Inside and outside cleaning after each operation

# 3 - WASHING STATION

- Electro-magnets are used to capture the particles to ensure efficient washing
- Dedicated substrate dispensation probe to avoid substrate contamination

## 4 - CUVETTES LOADER

- Bulk loading: up to 500 reaction cuvettes on board
- Automatic transfer to operating areas

# 5 - SUBSTRATE BOTTLES POSITION

• Two positions for 600 tests vials for a continuous workflow

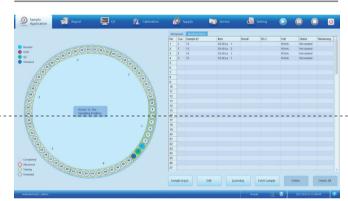
## 6 - WASHING BUFFER TANK

- Up to 15 L on board
- · Liquid level detection

## 7 - ADDITIONAL BUFFER TANK

 Allows seamless work of the instrument when refilling the main buffer tank

## SOFTWARE



# **SAMPLE MANAGEMENT**

- Random access
- Positive identification
- STAT function

## REAGENT MANAGEMENT

- Positive identification
- Follow up of reamaining tests
- Temperature follow up

## **TRACEABILITY**

- Operator
- System log
- Association of patients result and reagent lot number
- Transmission of traceability data through connection



## **QUALITY CONTROL MANAGEMENT**

- Levey Jennings graphs
- Selectable Westguards rules
- Export of QC results to the LIS



