



Automated Fluorescence Immuno Assay System

AFIAS-3

- Automated POC system
- Highly sensitive result based on advanced fluorescence technology
- Easy-to-use cartridge system
- LIS/HIS compatible



- AFIAS-3 is a fluorescence immunoassay-based POC analyzer that is an integrated Sample-to-Answer system featuring 3 parallel tests.
- AFIAS-3 is a compact POC system that provides fast and reliable result on the spot.
- AFIAS All-in-one cartridge enables convenience to users.



Specialized for panel tests in lab



ER or ICU where quick result is required



Convenience with All-in-One cartridge

All-in-One cartridge for AFIAS platform

- All the reagents for assay contained
- Over 50 test parameters
- Ready-to-use cartridge



Specifications

Model	AFIAS-3
Dimensions (L x W x H)	365 x 276 x 314 mm
Weight	9.3 kg
Analyzer input	100~240V AC, 50~60Hz 1.8A
User Interface	7" Touch-screen LCD
Data Output	Internal Printer/RS-232 port
Operating temperature	15°C to 35°C
Connectivity	RS-232 3 USB port / LAN port SD card slot

Automated Fluorescence Immuno Assay System

AFIAS-3



* AFIAS-3 will be released in Q1 of 2022.

MADE IN KOREA

BIO TECHNOLOGY
boditech

Sensible solution
for your patient



www.boditech.co.kr

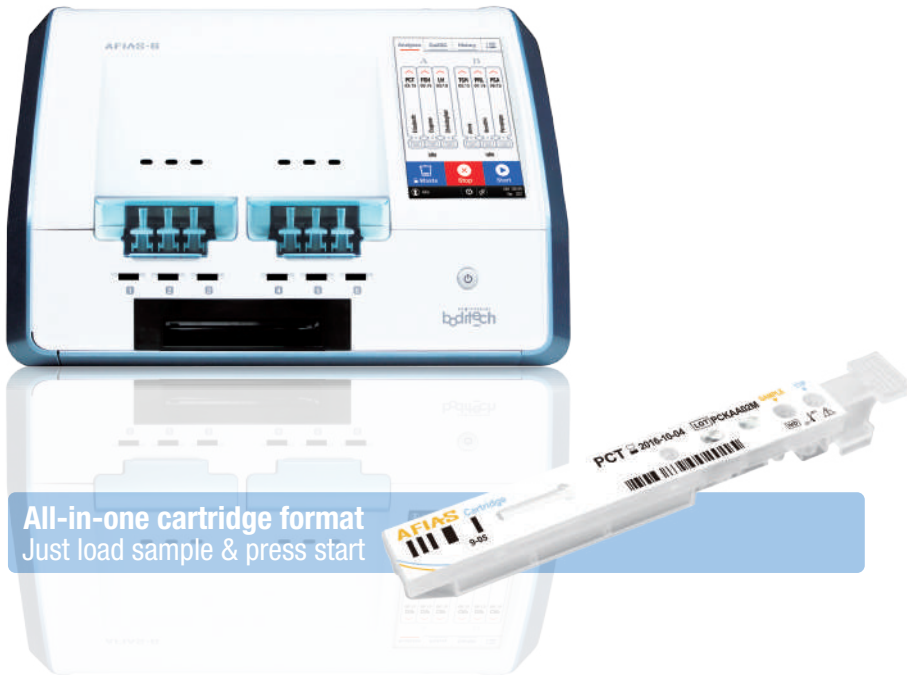
AFIAS

AFIAS-6

Versatile Desktop Immuno-Analyzer

Automated desktop analyzer

- 10 μ L, 30 μ L, 50 μ L finger-prick blood
- 6 different tests on 6 different channels
- Bay random access (2 bays)



AFIAS-1

Doctor's reliable associate

Automated desktop analyzer

- 1 channel
- LIS/HIS connectivity
- All-in-one cartridge
- 10 μ L, 30 μ L, 50 μ L finger-prick blood
- Walk away function



Specifications

QC/Calibration

2 calibrators & 2 controls
Internal & external controls

Interface

7" touch screen
Built-in thermal printer
RS 232/USB port/Ethernet/SD card slot
LIS/HIS compatible

Memory

5,000 patient results
5,000 QC results
500 ID chips
100 User IDs

Throughput

Up to 36 tests/hour

Analyzer

420 x 336 x 293 mm
15.1 kgs
100 - 240V AC, 50-60Hz
Internal temperature control

Specifications

QC/Calibration

2 calibrators & 2 controls
Internal & external controls available

Interface

5" touch screen
Built-in thermal printer
RS 232/USB port/Ethernet/SD card slot
LIS/HIS compatible

Memory

5,000 patient results
5,000 QC results
500 ID chips
100 User IDs

Throughput

Up to 10 tests/hour

Analyzer

320 x 204 x 180 mm
3.9 kgs
100 - 240V AC, 50-60Hz
Internal temperature control

All-in-One Cartridge

Ready-to-use reagent (single test format)

Storage	2 – 8°C for 20 months
Sample type	Serum/plasma/whole blood
Packing unit	24 tests/Kit
Test time	3 – 15 min/each



Can use whole blood, Finger prick or Venous

10 µL, 30 µL, 50 µL whole blood

- No syringes ■ No collection tube
- No pipettes ■ No centrifuge

Flexibility of using C-tip™ as well as regular tube blood.



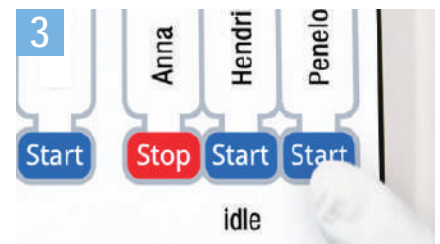
3 simple steps



Step 1: Collect blood

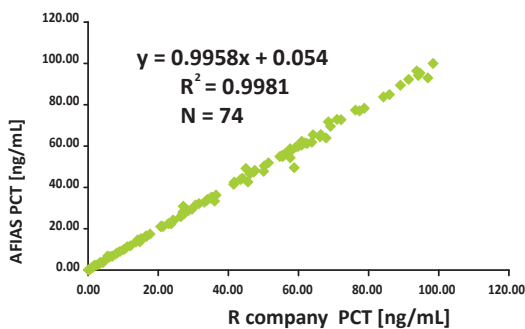


Step 2: Place the C-tip™



Step 3: Press START

Study Results



PCT Con. (ng/mL)	Intra-assay			Inter-assay		
	Avg.	SD	CV%	Avg.	SD	CV%
0.1	0.12	0.00	3.87	0.12	0.01	6.78
2.0	2.00	0.05	2.58	2.01	0.03	1.47
100	99.15	1.48	1.49	99.80	0.94	0.94

AFIAS Parameters



Category	Item	AFIAS-1	AFIAS-6	Sample type	Working range
Cardiac	Tn-I Plus	●	●	WB/S/P	0.01-15 ng/mL
	CK-MB	●	●	WB/S/P	3-100 ng/mL
	D-Dimer	●	●	WB/P	50-10,000 ng/mL
	NT-proBNP	●	●	WB/S/P	10-30,000 pg/mL
	Myoglobin	●	●	WB/S/P	2-500 ng/mL
	Cardiac Triple	●	●	WB/S/P	Tn-I 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL
	ST2	●	●	WB/S/P	3.1-200 ng/mL
Cancer	PSA	●	●	WB/S/P	0.5-100.0 ng/mL
	PSA Plus	●	●	WB/S/P	0.07-50 ng/mL
	AFP	●	●	WB/S/P	5-350 ng/mL
	AFP Plus	●	●	WB/S/P	0.5-350 ng/mL
	CEA	●	●	S/P	1-500 ng/mL
	CEA Plus	●	●	WB/S/P	0.5-200 ng/mL
Diabetes	HbA1c	●	●	WB	(NGSP) 4-15 %
	Microalbumin	●	●	Urine	2-300 mg/L
Hormone	TSH	●	●	WB/S/P	0.09-80.0 μ IU/mL (WB: 0.4-80.0 μ IU/mL)
	TSH Plus	●	●	WB/S/P	0.1-50 μ IU/mL
	T3	●	●	S/P	0.77-7.70 nmol/L
	T4	●	●	S/P	10.23-300.00 nmol/L
	FSH	●	●	WB/S/P	1-100 mIU/mL
	FSH Plus	●	●	WB/S/P	0.1-110 mIU/mL
	Total β hCG	●	●	WB/S/P	5-50,000 mIU/mL
	β -HCG Plus	●	●	WB/S/P	2-1,500 mIU/mL
	LH	●	●	WB/S/P	1-100 mIU/mL
	LH Plus	●	●	WB/S/P	0.1-100.0 mIU/mL
	PRL	●	●	WB/S/P	1-100 ng/mL
	PRL Plus	●	●	WB/S/P	0.5-200 ng/mL
	Testosterone	●	●	S/P	1-10 ng/mL
	Cortisol	●	●	WB/S/P	80-800 nmol/L
AMH	●	●	S/P	0.02-10 ng/mL	
Infection	CRP	●	●	WB/S/P	0.5-200 mg/L
	PCT	●	●	WB/S/P	0.1-100.0 ng/mL
	PCT Plus	●	●	WB/S/P	0.02- 50 ng/mL
	HBsAg	●	●	WB/S/P	0-300 COI
	Anti-HBs	●	●	WB/S/P	0-500 mIU/mL
	Anti-HCV	●	●	WB/S/P	0-300 COI
	ROTA	●	●	Feces	qualitative (0-200 COI)
	NORO	●	●	Feces	qualitative (0-200 COI)
	Rota/Adeno	●	●	Feces	qualitative (0-200 COI)
	Dengue IgG/IgM	●	●	WB/S/P	qualitative (0-200 COI)
	Dengue NS1 Ag	●	●	WB/S/P	qualitative (0-200 COI)
Others	Ferritin	●	●	S/P	10-1,000 ng/mL
	Vitamin D	●	●	S/P	8-70 ng/mL
	Anti-CCP Plus	●	●	WB/S/P	3.2-300 U/mL(Semi-quantitative)

* Coming soon

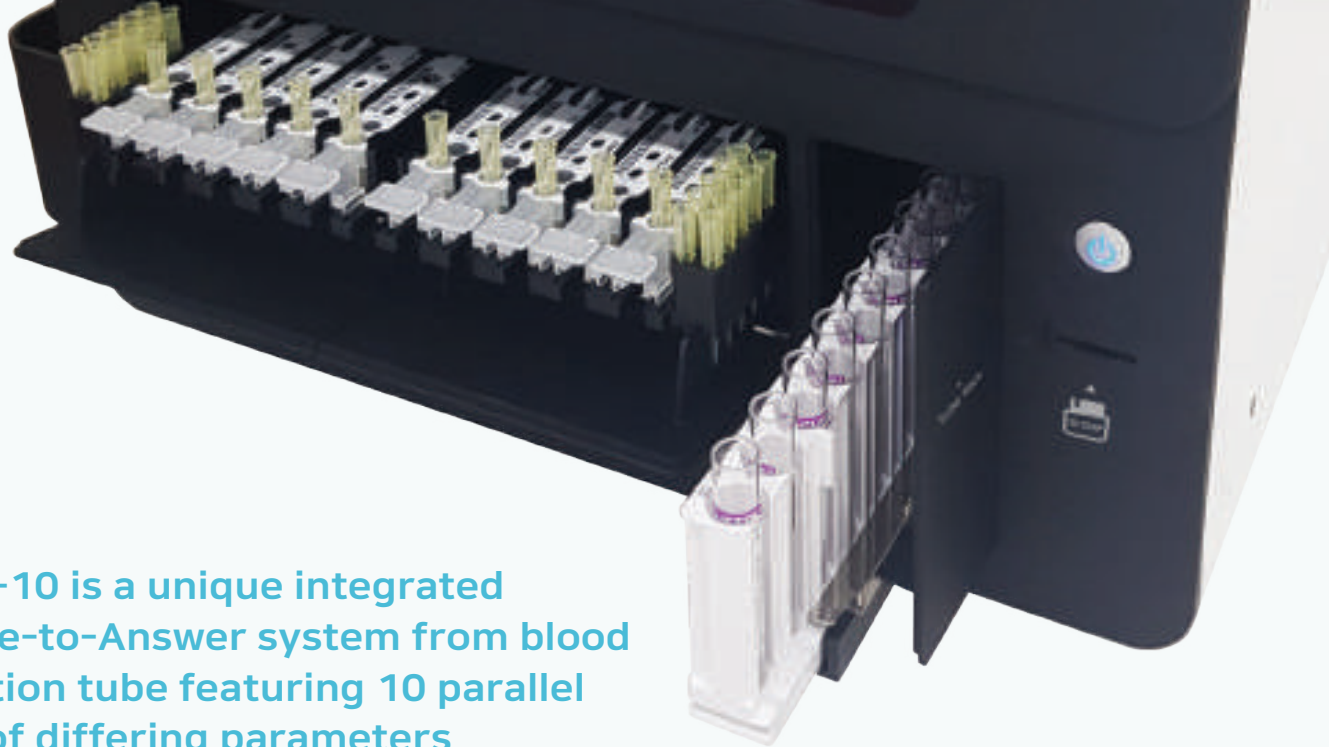


Automatic Fluorescence Immuno Assay System

AFIAS-10

- Automated process from blood collection tube
- 10 different tests in parallel
- STAT testing for emergency
- Bidirectional LIS/HIS





AFIAS-10 is a unique integrated Sample-to-Answer system from blood collection tube featuring 10 parallel tests of differing parameters

▶ **Fully automated diagnostic system**

- Sample loading to result
- PID barcode reading
- Various types of sample tube available
 - Blood collection tube (0.5 & 3 & 5 mL)
 - Microcentrifuge tube (0.5 & 1.5 mL)

▶ **Emergency test function**

- Emergency test first during regular test routine
- Processing the rest of the test routine after finishing emergency test

▶ **10 channels with 2 bays**

- Each bay can be operated separately
- 10 different tests in parallel
- Multi tests with one sample

▶ **Convenient data connectivity**

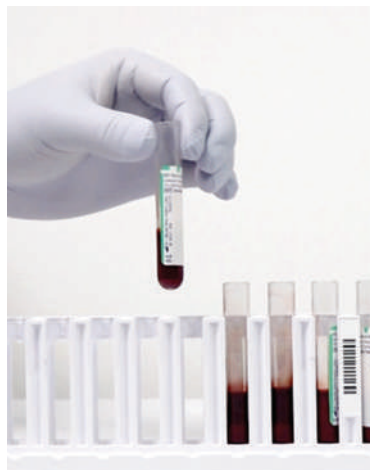
- Bidirectional LIS/HIS function
- Getting the medical order from clinicians directly

Simple procedure

1 Insert cartridge



2 Insert sample tube into tube rack



3 Insert tube rack into AFIAS-10



Automatic Fluorescence Immuno Assay System

AFIAS-10



All-in-One cartridge for AFIAS platform

- All the reagents for assay contained
- Over 50 test parameters
- Ready-to-use cartridge



AFIAS-10 can provide

- Convenient testing procedure to users
- High throughput results with various parameters
- Multi testing performance
- Prompt result derived from medical decision
- Quick transmission of medical information



Specifications

Model	AFIAS-10	Data Output	Internal Printer/RS232 port
Ordering Information	FPRR038	Operating temperature	15 – 35 °C
Dimensions	426 x 443 x 395 mm	Connectivity	<ul style="list-style-type: none">• RS232C• 3 USB port• 1 mini USB port• LAN port• SD card slot
Weight	20 kg		
Analyzer input	100~240V AC, 50/60Hz, 2.6-1.0 A		
User Interface	10.1" TFT LCD touch screen		

AFIAS Parameters

Category	Item	Sample type	Working range	Test time (min)
Cardiac	Tn-I Plus	WB/S/P	0.01-15.00 ng/mL	12
	CK-MB	WB/S/P	3-100 ng/mL	12
	D-Dimer	WB/P	50-10,000 ng/mL	12
	NT-proBNP	WB/S/P	10-30,000 pg/mL	12
	Myoglobin	WB/S/P	2-500 ng/mL	12
	Cardiac Triple	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	12
	ST2	WB/S/P	3.1-200 ng/mL	12
	BNP	WB/S/P	10-20,000 pg/mL	12
	Troponin T	WB/S/P	5-5,000 pg/mL	12
Cancer	PSA	WB/S/P	0.5-100.0 ng/mL	15
	PSA Plus	WB/S/P	0.07-50 ng/mL	12
	AFP	WB/S/P	5-350 ng/mL	15
	AFP Plus	WB/S/P	0.5-350 ng/mL	12
	CEA	S/P	1-500 ng/mL	12
	CEA Plus	WB/S/P	0.5-200 ng/mL	12
Diabetes	HbA1c	WB	(NGSP) 4-15%	10
	Microalbumin	Urine	2-300 mg/L	12
Hormone	TSH	WB/S/P	0.09-80.0 µIU/mL (WB: 0.4-80.0 µIU/mL)	15
	TSH Plus	WB/S/P	0.08-50 µIU/mL	12
	T3	S/P	0.77-7.70 nmol/L	10
	T4	S/P	10.23-300.00 nmol/L	10
	FSH	WB/S/P	1-100 mIU/mL	12
	Total βhCG	WB/S/P	5-50,000 mIU/mL	15
	β-HCG Plus	WB/S/P	2-1,500 mIU/mL	12
	LH	WB/S/P	1-100 mIU/mL	12
	Progesterone	S/P	4.45-127.2 nmol/L (1.4-40 ng/mL)	15
	PRL	WB/S/P	1-100 ng/mL	10
	Testosterone	S/P	1-10 ng/mL	15
	Cortisol	WB/S/P	80-800 nmol/L	10
	AMH	S/P	0.02-10 ng/mL	12
Infection	COVID-19 Ab	WB/S/P	Qualitative	10
	COVID-19 Ag	Nasopharyngeal swab	Qualitative	12
	COVID-19/Flu Ag Combo	Nasopharyngeal swab	Qualitative	20
	COVID-19 nAb	WB/S/P	Qualitative	20
	CRP	WB/S/P	0.5-200 mg/L	3
	PCT	WB/S/P	0.1-100.0 ng/mL	12
	PCT Plus	WB/S/P	0.02-50 ng/mL	12
	IL-6	WB/S/P	2-2,500 pg/mL	12
	HBsAg	WB/S/P	Qualitative	12
	Anti-HBs	WB/S/P	Qualitative	15
	Anti-HCV	WB/S/P	Qualitative	12
	NORO	Feces	Qualitative	12
	ROTA	Feces	Qualitative	12
	Rota/Adeno	Feces	Qualitative	12
Autoimmune	Anti-CCP Plus	WB/S/P	3.2-300 U/mL (Semi-quantitative)	12
	Total IgE	WB/S/P	1-1,000 IU/mL	10
Other test items	Ferritin	S/P	10-1,000 ng/mL	10
	Vitamin D	S/P	8-70 ng/mL	28
	Infliximab	WB/S/P	0.2-50 µg/mL	10
	Total Anti-Infliximab	S/P	8-250 AU/mL	22

Advanced compact immuno-analyzer

iCHROMA™ II



Built-in printer



Built-in multi-timers



On-board QC & System check



Battery and AC operated

Reliable Diagnosis of Patients on-the-Spot



2 level calibration

- All items provide 2 level calibrators and Controls
- Boditech Calibrators and Controls

Specifications

276 x 220 x 91 mm
1.3 kgs
100 – 240V AC, 50-60Hz
Internal & external battery

QC / Calibration

System check cartridge
Internal & external controls

Throughput

Up to 30 tests/hour

Interface

7" touch screen
Built-in thermal printer
USB port / Ethernet / SD card slot
LIS/HIS compatible

Memory

1,000 patient results
1,000 QC results
100 User IDs

ichroma^α™ Parameters



Category	Item	ichroma™	ichroma™ II *ichroma™ III *ichroma™-10	ichroma™-50	ichroma™ M2	*ichroma™ M3	Sample type	Working range	
Cardiac	Tn-I	●	●				S/P	0.1-50.0 ng/mL	
	Tn-I Plus		●				WB/S/P	0.01-15 ng/mL	
	CK-MB	●	●				WB/S/P	3-100 ng/mL	
	D-Dimer	●	●				WB/P	50-10,000 ng/mL	
	NT-proBNP		●	●			WB/S/P	10-30,000 pg/mL	
	Myoglobin	●	●				WB/S/P	5-500 ng/mL	
	hsCRP	●	●				WB/S/P	0.1-10.0 mg/L	
	Cardiac Triple			●			WB/S/P	TnI 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL	
ST2			●	●		WB/S/P	3.1-200 ng/mL		
Cancer	PSA	●	●				S/P/WB	0.1-100.0 ng/mL (WB:0.5-100.0 ng/mL)	
	PSA Plus		●				WB/S/P	0.07-50 ng/mL	
	AFP	●	●				WB/S/P	5-350 ng/mL	
	AFP Plus		●				WB/S/P	0.5-350 ng/mL	
	CEA	●	●				S/P	1-500 ng/mL	
	CEA Plus		●				S/P	0.5-200 ng/mL	
iFOB Neo	●	●		●		Feces	25-1,000 ng/mL		
Diabetes	HbA1c	●	●				WB	(NGSP) 4-15 %	
	Microalbumin	●	●				Urine	2-300 mg/L	
	Cystatin C	●	●				S/P	0.1-7.5 mg/L	
Hormone	TSH	●	●				S/P	0.1-100.0 µIU/mL	
	TSH Plus		●				WB/S/P	0.1-50.0 µIU/mL	
	T3	●	●				S/P	0.77-7.70 nmol/L	
	T4	●	●				S/P	10.23-300.00 nmol/L	
	FSH	●	●				S/P	1-100 mIU/mL	
	Progesterone	●	●				S/P	4.45-127.20 nmol/L	
	β-HCG	●	●				WB/S/P	5-50,000 mIU/mL	
	β-HCG Plus		●				WB/S/P	2-5,000 mIU/mL	
	LH	●	●				S/P	1-100 mIU/mL	
	PRL	●	●				S/P	1-100 ng/mL	
	Testosterone	●	●				S/P	1-10 ng/mL	
	Cortisol	●	●				WB/S/P	80-800 nmol/L	
	AMH		●				S/P	0.02-10 ng/mL	
	Infection	CRP	●	●			●	WB/S/P	2.5-300.0 mg/L
PCT		●	●	●			WB/S/P	0.1-100.0 ng/mL	
PCT Plus			●	●			WB/S/P	0.02-50 ng/mL	
ASO		●	●				S/P	25-800 IU/mL	
HBsAg			●				WB/S/P	0-300 COI	
Anti-HBs			●				WB/S/P	0-500 mIU/mL	
Anti-HCV			●				WB/S/P	0-300 COI	
ROTA			●				Feces	qualitative (0-200 COI)	
NORO			●				Feces	qualitative (0-200 COI)	
Rota/Adeno			●				Feces	qualitative (0-200 COI)	
Dengue IgG/IgM			●				WB/S/P	qualitative (0-200 COI)	
Dengue NS1 Ag			●				WB/S/P	qualitative (0-200 COI)	
Influenza A+B			●	●	●		Nasopharyngeal swab	FluA: 1.4 x 10 ³ pfu/mL FluB: 0.5 TCID ₅₀ /mL	
RSV			●	●	●		Nasopharyngeal swab	qualitative	
Influenza A+B/RSV*			●	●	●		Nasopharyngeal swab	FluA: 1.4 x 10 ³ pfu/mL FluB: 0.5 TCID ₅₀ /mL RSV: qualitative	
Strep A			●			●	Pharyngeal swab	4 x 10 ³ cfu/test	
Adeno*			●				Nasopharyngeal swab/ Nasal aspirate	qualitative	
Autoimmune		RF IgM	●	●				WB/S/P	8-200 IU/mL
		Anti-CCP Plus		●				WB/S/P	3.5-300 U/mL
		Total IgE	●	●				WB/S/P	1.00-1,000 IU/mL
Others	Ferritin	●	●				S/P	10-1,000 ng/mL	
	Vitamin D	●	●				S/P	8-70 ng/mL	
	Calprotectin	●	●	●			Feces	10-1,000 mg/kg	
	H.pylori SA	●	●				Feces	qualitative	

* Coming soon



High throughput fluorescence immuno-analyzer

iCHROMA-III

- Random access for various parameters
- Continuous testing
- Flexible temperature control
- Patient ID handwriting for user convenience



iCHROMA-III

- Simple, Fast, Accurate
- Suitable for the clinical laboratories
- No need thermal chamber
- 12 tests available at once
- High throughput results - up to 120 tests in an hour
- Compact desktop instrument
- No consumables
- 7" touch screen LCD
- ID chip memory function
- LIS/HIS connectivity



High throughput results

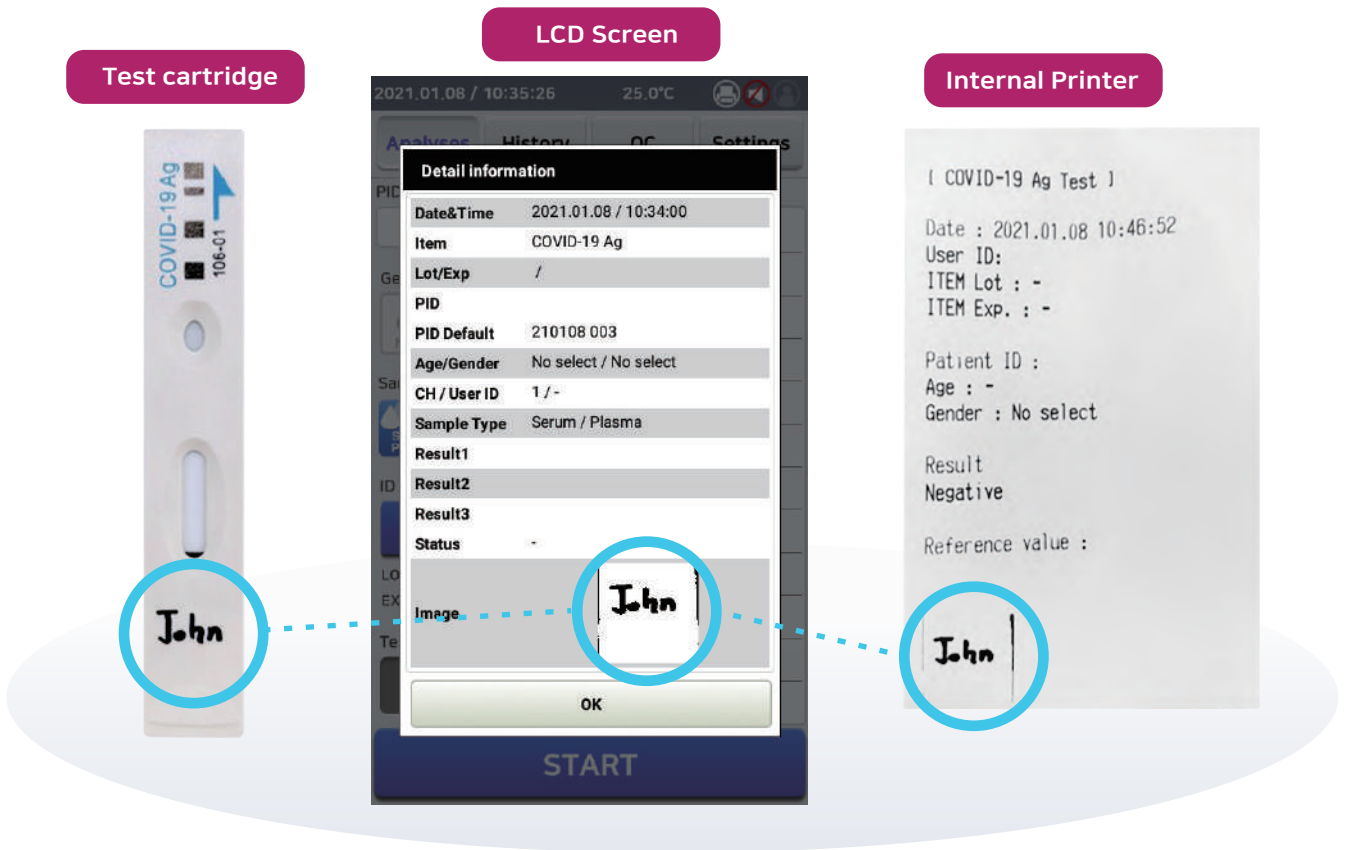
iCHROMA-III

Temperature
controller

Various test
items



- Hand writing printing



- Specifications

Model	ichroma™ III
Dimensions	240 mm (L) x 465 mm (W) x 341 mm (H)
Weight	11 Kg
Analyzer input	100~240V AC, 50~60Hz 1.8A
User Interface	7" Touch-screen LCD
Data Output	Internal Printer/RS-232 port
Operating temperature	15°C to 35°C
Connectivity	RS-232 4 USB port / LAN port SD card slot
Memory	5,000 patients 1,000 QC results 500 ID chip info
Capacity	12 assays in one test set

- Ordering information

Product	ichroma™ III
Cat #	FPRR037



ichroma™ Parameters



En-Rev02_ichroma™_20210427_4p

Category	Item	ichroma™ II	ichroma™ III	Sample type	Working range
Cardiac	Tn-I	●	●	S/P	0.1-50.0 ng/mL
	Tn-I Plus	●	●	WB/S/P	0.01-15 ng/mL
	CK-MB	●	●	WB/S/P	3-100 ng/mL
	D-Dimer	●	●	WB/P	50-10,000 ng/mL
	NT-proBNP	●	●	WB/S/P	10-30,000 pg/mL
	Myoglobin	●	●	WB/S/P	5-500 ng/mL
	hsCRP	●	●	WB/S/P	0.1-10.0 mg/L
	Cardiac Triple	●	●	WB/S/P	Tn-I 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL
Cancer	ST2	●	●	WB/S/P	3.1-200 ng/mL
	PSA	●	●	S/P/WB	0.1-100.0 ng/mL (WB:0.5-100.0 ng/mL)
	PSA Plus	●	●	WB/S/P	0.07-50 ng/mL
	AFP	●	●	WB/S/P	5-350 ng/mL
	AFP Plus	●	●	WB/S/P	0.5-350 ng/mL
	CEA	●	●	S/P	1-500 ng/mL
	CEA Plus	●	●	S/P	0.5-200 ng/mL
	iFOB Neo	●	●	Feces	25-1,000 ng/mL
Diabetes	HbA1c	●	●	WB	(NGSP) 4-15 %
	Microalbumin	●	●	Urine	2-300 mg/L
Hormone	Cystatin C	●	●	S/P	0.1-7.5 mg/L
	TSH	●	●	S/P	0.1-100.0 µIU/mL
	TSH Plus	●	●	WB/S/P	0.1-50.0 µIU/mL
	T3	●	●	S/P	0.77-7.70 nmol/L
	T4	●	●	S/P	10.23-300.00 nmol/L
	FSH	●	●	S/P	1-100 mIU/mL
	Progesterone	●	●	S/P	4.45-127.20 nmol/L
	β-HCG	●	●	WB/S/P	5-50,000 mIU/mL
	β-HCG Plus	●	●	WB/S/P	2-5,000 mIU/mL
	LH	●	●	S/P	1-100 mIU/mL
	PRL	●	●	S/P	1-100 ng/mL
	Testosterone	●	●	S/P	1-10 ng/mL
	Cortisol	●	●	WB/S/P	80-800 nmol/L
	AMH	●	●	S/P	0.02-15 ng/mL
Infection	COVID-19 Ag	●	●	Nasopharyngeal swab	qualitative
	COVID-19 Ab	●	●	WB/S/P	qualitative
	COVID-19/Flu Ag Combo	●	●	Nasopharyngeal swab	qualitative
	CRP	●	●	WB/S/P	2.5-300.0 mg/L
	PCT	●	●	WB/S/P	0.1-100.0 ng/mL
	PCT Plus	●	●	WB/S/P	0.02-50 ng/mL
	ASO	●	●	S/P	25-800 IU/mL
	HBsAg	●	●	WB/S/P	qualitative (0-300 COI)
	Anti-HBs	●	●	WB/S/P	0-500 mIU/mL
	Anti-HCV	●	●	WB/S/P	qualitative (0-300 COI)
	ROTA	●	●	Feces	qualitative (0-200 COI)
	NORO	●	●	Feces	qualitative (0-200 COI)
	Rota/Adeno	●	●	Feces	qualitative (0-200 COI)
	Dengue IgG/IgM	●	●	WB/S/P	qualitative (0-200 COI)
	Dengue NS1 Ag	●	●	WB/S/P	qualitative (0-200 COI)
	Influenza A+B	●	●	Nasopharyngeal swab/ Nasal aspirate	FluA: 1.4 x 10 ³ pfu/mL FluB: 0.5 TCID ₅₀ /mL
	RSV	●	●	Nasopharyngeal swab/ Nasal aspirate	qualitative
	Autoimmune	IL-6	●	●	WB/S/P
RF IgM		●	●	WB/S/P	8-200 IU/mL
Anti-CCP Plus		●	●	WB/S/P	3.5-300 U/mL
Total IgE		●	●	WB/S/P	1.00-1,000 IU/mL
Others	Ferritin	●	●	S/P	10-1,000 ng/mL
	Vitamin D	●	●*	S/P	8-70 ng/mL
	Calprotectin	●	●	Feces	10-1,000 mg/kg
	H.pylori SA	●	●	Feces	qualitative

*Additional thermal chamber is needed



respons[®] 920

BENCH TOP RANDOM ACCESS CLINICAL CHEMISTRY ANALYZER

- :: Economical
- :: Efficient
- :: Precise

Trusted performance

DiaSys

Diagnostic Systems

CHOOSING QUALITY.

The respons[®]920 is the evidence of our ambition to develop and produce systems of highest quality for the diagnostic laboratory. Bearing in mind the specific demands on throughput, flexibility and economy, this automated random access clinical chemistry analyzer has been designed as a real allrounder stand-alone system. This modern concept can be easily integrated in any type of laboratories for routine-, emergency- as well as speciality analysis.

Guaranteed throughput of 200 tests/hour

- :: 200 tests/hour with a cycle time of 18 seconds for mono- and 2 component tests
- :: 360 tests/hour with optional ISE unit

The answer to your needs

- :: Unique and convenient respons[®] family package concept
- :: High on board reagent capacity of 30 different methods in bar coded mono- and twin-containers
- :: Long term reagent and calibration stabilities
- :: Large panel of high-quality clinical chemistry and immunoturbidimetric tests manufactured by DiaSys
- :: Customer oriented menu extension for specific system adaption
- :: Flexible sample matrix
- :: 30 positions for bar coded patient and STAT samples
- :: Low sample volume
- :: Broad measuring ranges

Inter-assay precision & recovery

Parameter	Target TLN* value	Mean TLN* value	Recovery [%]	Target TLP** value	Mean TLP** value	Recovery [%]	CV [%] TLN*	CV [%] TLP**	Patient Conc./[CV%]
AP [U/L]	74.2	72.5	97.7	244	230	94.3	0.64	0.64	54.8/0.5
AST- P5P [U/L]	37.2	38.2	103	200	186	93.2	1.00	0.38	29.7/1.1
AMY [U/L]	72.0	72.2	100	273	265	97.2	0.55	0.36	39.4/0.7
Ca-P [mg/dL]	9.54	9.24	96.9	12.2	11.9	97.5	0.51	1.46	9.40/1.5
CK [U/L]	133	134	100	543	520	95.8	0.73	0.47	144/0.6
CREA-J [mg/dL]	1.13	1.11	98.2	7.73	7.20	93.1	0.57	0.97	0.91/1.8
DBIL [mg/dL]	0.53	0.55	104	2.24	2.43	109	0.81	0.61	0.08/8.3
TBIL [mg/dL]	1.00	0.96	96.0	5.45	5.56	102	1.57	1.35	0.08/5.7
LDH [U/L]	144	138	95.6	394	374	94.9	0.64	0.49	141/0.8
Lipase [U/L]	42.1	45.2	107	80.9	80.5	99.5	0.88	0.61	43.2/1.6
PO4 [mg/dL]	3.39	3.28	96.8	7.09	6.83	96.3	3.45	0.51	4.53/2.1
TP [g/dL]	5.32	5.03	94.5	6.39	5.95	93.1	1.02	0.63	6.84/0.7
UA [mg/dL]	6.33	6.23	98.4	9.44	9.18	97.2	0.37	0.41	4.30/0.5

* TruLab N »Normal« control

** TruLab P »Pathological« control

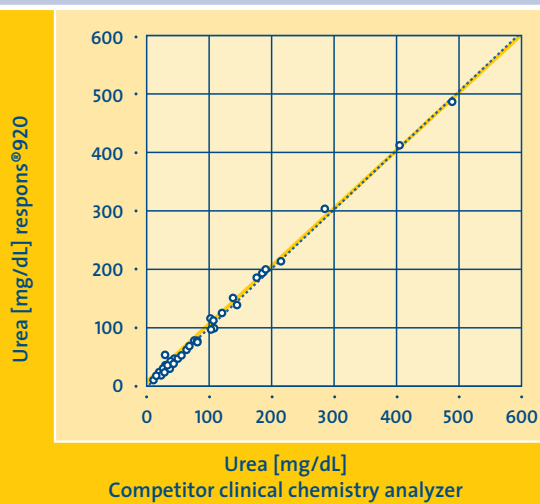
Pleasing to your budget

- :: Very competitive price per test ratios
- :: Low service and maintenance expenses
- :: Long term on-board and shelf life stabilities of DiaSys reagents

Easy to use

- :: Automatic bar code scan for sample and reagent
- :: Ready to use reagents
- :: Adapter free one-grip loading of reagent containers
- :: Versatile and valuable software functions
- :: Easy to learn

Method comparison Urea



respons®920 vs. competitor clinical chemistry analyzer

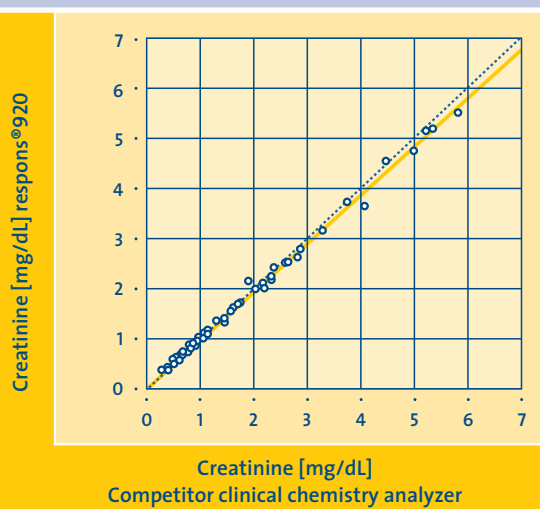
n = 89

Passing/Bablok Regression:

$$y = 0.999x - 0.622 \text{ [mg/dL]}$$

r = 0.9981

Method comparison Creatinine



respons®920 vs. competitor clinical chemistry analyzer

n = 100

Passing/Bablok Regression:

$$y = 0.961x + 0.018 \text{ [mg/dL]}$$

r = 0.9949

respons[®]920

Technical specifications

System type	Bench top random access clinical chemistry analyzer
STAT-analytics	Several sample positions available
Throughput	200 tests/hour with a cycle time of 18 seconds for mono- and 2 component tests 360 tests/hour with ISE
Bar code identification	Automatic bar code scan for reagents and samples
Measuring principle	Colorimetry (Rate/End Point); Turbidimetric Immunoassay; Direct Potentiometry (ISE: K, Na, Li, Cl)
Calibration	Linear, non-linear, multi point
Sample tray	30 positions for bar coded patient samples including STAT positions, 9 positions for blanks, calibrators, controls, samples without bar code and ISE solutions
Sample volume	2 – 70 µL
Sample tubes/cups	Most commonly used blood collection tubes and sample cups
Sample types	Serum, plasma, urine, CSF, whole blood
Sample dilution	Dilution ratio: 2 to 150 times
Reagent on board capacity	30 different methods in bar coded mono- or twin-containers for adapter-free one-grip loading, refrigerated
Reagent pipetting	Reagent 1: 50 – 300 µL Reagent 2: 10 – 200 µL
Reaction temperature	37 ± 0.2 °C
Reaction unit	Temperature controlled rotating tray with 45 reusable quartz glass cuvettes (37 ± 0.2 °C)
Photometry	8 wavelengths: 340, 405, 450, 505, 546, 578, 660 and 700 nm (mono- and bichromatic)
Photometric linearity and resolution	Linearity: 0 – 2.5 OD; resolution: 0.0001 OD
Water consumption	Up to 7.5 liters per hour
System interface	Analyzer - PC: USB connectivity bi-directional; CPU: Pentium IV or higher
Power source/power consumption	AC 220 V ± 10 %, 50 ± 1 Hz or AC 110 V ± 10 %, 60 ± 1 Hz ; 600 VA (excluding PC/printer/monitor)
Dimensions	81 cm (W) x 70 cm (D) x 60 cm (H)
Weight	Approximately 110 kg

These specifications are subject to change without notice



DiaSys

Diagnostic Systems

DiaSys Diagnostic Systems GmbH

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mail@diasys.de :: www.diasys-diagnostics.com



Coagulation Analyzer

Micro fluidic Coagulation analysis system (Electro chemical Method)

Fast:

Result delivered in 7 minutes

Easy Operation:

Single drop of whole blood, One-step rapid

Accurate Result:

Comparable diagnostic accuracy

Multiple parameters

✓ PT ✓ APTT

✓ FIB ✓ TT ✓ INR

*ACT Coming soon



Coagulation dysfunction screening



- Skin Petechiae, Purpura or Ecchymosis
- Gum bleeding
- Wound bleeding
- Gastrointestinal bleeding
- Mucosal bleeding
- Hematuria and Bloody stool
- Anemia

Pre-operative examination



- Patients with underlying Internal disease
- Pyometra
- Tumor
- Surgery
- Biopsy

Diagnosis and Prognosis of Internal Disease



- Multiple organ dysfunction and failure
- Obstetric diseases and complications
- Leukemia, sepsis and other blood diseases
- Immune system disease

Operating procedures

- 1 Click test
- 2 Scan QR code
- 3 Insert reagent strip
- 4 Add sample
- 5 Start detection





Hemaray 83

5-part Hematology Analyzer

Technical Specifications

- Technology

- 3-D Topographic Map
- Integral titanium incubation system
- Laser Scatter technology
- Flow Cytometry technology
- Cyanide Free reagents

- Parameters

- Regular parameters:

WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, MPV, PCT, P-LCR, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS%

- Research parameters:

ALY#, ALY%, IG#, IG% 2 histograms, 2 scattergrams

- Test speed:

60 samples/hour

- Test mode:

CBC+5DIFF, CBC

- Performance

Item	Linear range	Carry over	CV
WBC	1.0-99.9×10 ⁹ /L	≤0.5%	≤2.0%
RBC	0.3-7.0×10 ¹² /L	≤0.5%	≤1.5%
HGB	20-240g/L	≤0.5%	≤1.5%
PLT	20-999×10 ⁹ /L	≤1.0%	≤4.0%



- QC and calibration

Multiple QC rules, including L-J, X-B etc.
Auto and manual calibration function for both whole blood mode and pre-diluted blood mode

- Power Supply

100V-240V, 50Hz/60Hz

- Operation environment

Temperature: 15°C-30°C
Humidity: 30%-85%

- Weight

53KG

- Dimension

46cm(L)×57cm(W)×61cm(H)

Hemaray 83

5-part Hematology Analyzer

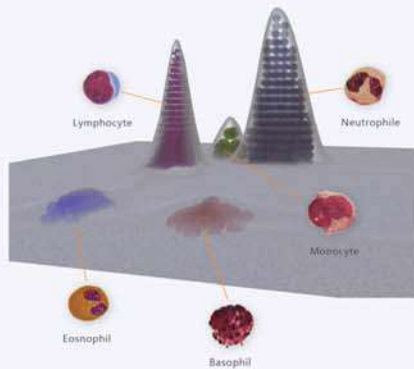


- 28 Parameters, 2 Histograms, 2 Scattergrams
- 60 samples/hour
- 3-D Topographic Maps for WBC
- Integral titanium incubation system
- 2 test modes & 2 sample modes
- Laser Scatter technology
- Constant Linear Sheath Flow
- Cyanide Free reagents



Hemaray 83

5-part Hematology Analyzer



3-D Topographic Maps for WBC

Cytomorphologically, is a useful way of 5-part differentiation of WBC according to the size, complexity and granularity of the cells. The multiple scatter light beams are used to detect the WBC, which named as the 3-D Topographic Map technology. The forward small angle laser beam, the forward large angle laser beam and the lateral laser beam stand for the different properties of the WBC.

Integral titanium incubation system

An integrated titanium incubation system is adopted to keep the reagent and the sample in the same constant temperature, which facilitates the complete reaction. This is the key technology to ensure the accuracy of 5-part differentiation.



Constant Linear Sheath Flow

A most important technology is to ensure the WBC passing the laser beam one by one, when the sheath flow passes the unique designed square counting chamber. As the diameter of the WBC will not be too different from the diameter of the transversal surface of the chamber, the WBC are fixed in the middle of the sheath flow passing the square chamber constantly with a high speed. This Constant Linear Sheath Flow ensures the accuracy of the WBC counting.

2 test modes

- CBC+5Diff mode
- CBC mode



2 sample modes

- Whole blood sample mode
- Pre-diluted blood sample mode



User-friendly software

Data management

- 100,000 results storage including histogram and scattergram
- Multi print format including self-defined format
- Mean, CV and SD values are calculated
- Statistics including Sample, QC and Calibration
- Sort by sample number, patient name, type, time frame etc.

Easy maintenance

- Self-check during start up and shut down
- Tubing automatic maintenance
- Adjustable sleeping mode

Multi-warning system

- Reagent inventory check
- Abnormal original data warning
- Multi warning flags

System setup

- Different levels of permission
- Different reference ranges determined by age and gender

LIS Interface

- LIS interface with HL7 protocol



EasyLyte EXPAND

Na⁺ K⁺ Cl⁻ Ca⁺⁺ Li⁺

EasyLyte Expand
More options for testing electrolytes



Intentionally easy

... to do more

- Confidence in medical decision with rapid and accurate results for 4 parameters in one sample
- Compatible with serum, plasma, whole blood or urine samples

... to use

- Minimal training required with Yes/No intuitive interface
- Automatic or on-demand calibration
- Automatic probe wiping

... to maintain

- Reagents and waste conveniently contained in single multi-use pack
- Maintenance-free disposable electrodes



<http://mediacorp.com/electrolyte-analyzers/easylyte>

experience **Easy**

EasyLyteEXPAND **Technical Specifications**

CLIA Classification:	Moderate Complexity
Configurations:	Na ⁺ /K ⁺ /Cl ⁻ /Ca ⁺⁺ or Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺
Analysis Time:	Plasma, Serum, Whole Blood: 60 seconds Urine: 90 seconds (Na ⁺ /K ⁺ /Cl ⁻ only)
Sample types:	Whole Blood, Serum, Plasma, or Diluted Urine
Sample Size:	100 µL Whole Blood, Serum, Plasma or 400 µL Diluted (1:10) Urine
Sample Temperature:	Ambient Temperature (15–32°C)
Method:	Direct (undiluted) measurement by Ion Selective Electrode (ISE)
Calibration:	Automatic 1-point calibration with every sample or on-demand Automatic 2-point calibration every 4 hours
Output:	128 x 64 pixel graphic display; 24 column thermal printer Serial port (RS-232 optional)
Ambient Conditions:	15-32°C (60-90°F), <85% humidity
Power:	100-240 VAC 50/60 Hz 0.8A (serial numbers beginning with "C")
Size:	9.5" (W) x 16.5" (H) x 8.0" (D); 24 cm (W) x 42 cm (H) x 20 cm (D)
Weight:	13lbs; 5.8 kg

Data Storage

Patient:	125 results
QC:	Normal: 20 results; Low: 20 results; High: 20 results

Optional Equipment

Barcode Reader:	Sample ID
EasySampler:	(Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺ automated sampling only)

Performance	Units	Na ⁺	K ⁺	Cl ⁻	Ca ⁺⁺	Li ⁺
Resolution:	mmol/L	0.1	0.01	0.1	0.01	0.01

Serum, Plasma, Whole Blood

Detection Range:	mmol/L	20–200	0.2–40	25–200	0.1–6.0	0.2–5.0
Reproducibility (typical):	mmol/L	80.0-200.0	1.00–10.00	50.0–150.0	0.40–1.50	0.40–4.00
Reproducibility within run (n=20):	% C.V.	< 1	< 2	< 2	----	----
	S.D. (mmol/L)	----	----	----	< 0.02	< 0.03
Reproducibility between run (10 days):	% C.V.	< 2	< 2.5	< 2.5	----	----
	S.D. (mmol/L)	----	----	----	< 0.03	< 0.05

Urine

Detection Range:	mmol/L	25–1000	1–500	25–500	----	----
Reproducibility (urine std.):	mmol/L	160.0	60.00	130.0	----	----
Reproducibility within run (n=20):	% C.V.	≤ 5	≤ 5	≤ 5	----	----
Reproducibility between run (10 days):	% C.V.	≤ 5	≤ 5	≤ 5	----	----

MANUFACTURED BY:



Medica Corporation
5 Oak Park Drive, Bedford, MA 01730-1413 USA
800 777 5983 (USA) • 781 275 4892 (Global) • 781 275 2731 (Fax)
medicacorp.com



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Bedford, MA 01730-1413 USA
Emergo Europe, Prinsessegracht 20
2514 AP The Hague, The Netherlands

DISTRIBUTED BY:

CE



Optical Coagulation Analyzer (OCG-102)

for Professional Point of Care

Wondfo[®]

Optical Coagulation Analyzer (OCG-102)

for Professional Point of Care

Feature Highlights

- Portable and convenient
- Dried-reagent test strips stored at room temperature for ready to use
- Build-in chargeable batteries for the circumstances without power supply
- Disposable test strip prevents cross contamination
- Stable external QC control
- Connect with LIS by Ethernet port for uploading test data
- Print results via external printer
- Cost effective to coagulation analysis test

Configurations

- Memory: 300 test results and 12 QC test results
- Display: 3.5 inch color touch screen
- Power supply:
 - Adapter Input: 100-240Vac, 50/60Hz, 0.5A Max
 - Adapter output: 9V, 2A
 - Power input: 9V, 18W
- Batteries operation: Two 3.7V 18650 lithium batteries
- Batteries life: 300 complete charge-discharge cycles, depending on the frequency of use
- Printer: External serial port printer
- Dimension: 220 × 175 × 130 mm
- Weight: 850g (without batteries)

Storage and transportation conditions

Temperature: -10 °C ~50 °C
Relative humidity: 10%~90%
(without condensation)

Operation conditions

Temperature: 10 °C ~32 °C
Relative humidity: 10%~80%
(without condensation)

Specifications



Test item: PT INR/APTT/ACT/TT/FIB

Sample type: Citrated venous whole blood

Sample volume: 20 µL

Time to result: ≤5 minutes

Precision: CV≤5%

Guangzhou Wondfo Biotech Co., Ltd.

No. 8 Lizhishan Road, Science City, Luogang District, 510663, Guangzhou, P.R. China

Tel: +86-20-32296083 Fax: +86-20-32296063

E-mail: sales@wondfo.com.cn

Websites: www.wondfo.com.cn

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

RT-7600

Auto Hematology Analyzer

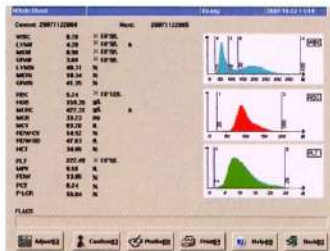


Features

- 20 parameters+3 histograms
- 3-part differentiation of WBC
- 2 counting modes: whole blood and prediluted
- 60 samples per hour
- 10.4" TFT color LCD with touch screen
- Built-in thermal printer, optional external printer
- External AC adapter avoids electronic noises, enhancing accuracy
- Up to 50000 sample results (including histograms) can be stored
- Multi-language software available on request

RT-7600

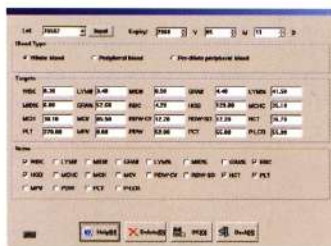
Auto Hematology Analyzer



Sample Test

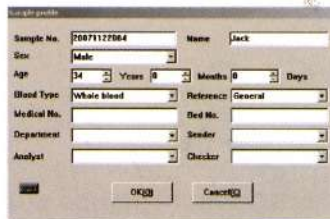
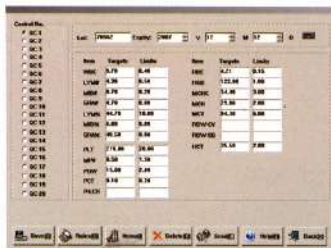


Auto Calibration Setting



Manual Calibration

L-J QC Setting



Profile

Technical Specifications

Parameters	WBC, LYMPH, MONO, GRA, LYMPH%, MONO%, GRA%, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PLT
Principle	Electrical resistance for counting WBC, RBC and PLT
Sample Volume	Prediluted: 20µL; Whole Blood: 9.8µL
Aperture Diameter	WBC: 80µm; RBC: 50µm
Throughput	60 samples per hour
Display	10.4" TFT color LCD with touch screen
Alarms	Error messages
Input/Output	RS-232, USB, LAN, keyboard and mouse interface
Printout	Thermal printer, 55mm width paper, various printout formats, external printer optional
Operating Environment	Temperature: 15°C~35°C; Humidity: 10%~90%
Power Requirement	AC 100-240V, 50/60±1Hz
Dimension L×W×H (mm)	436×363×367
Weight	18Kg



(주)원메디칼
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 Email: info@rayto.com



SEAMATY SG1

A handheld blood gas & electrolyte analyzer that delivers lab-quality, diagnostic results in minutes.

The Seamaty SG1 is an easy-to-use handheld blood analyzer that providing accurate blood gas, electrolyte and critical care biochemistry results in just a few minutes, and allowing you to do the diagnosis anywhere and anytime.



Simple 3-step operation



Step 1

Add sample



Step 2

Insert cartridge



Step 3

Read result



Handheld portability

Lightweight with build-in battery allowing diagnose at the point of care, patient side, out in the field or exam room.



Easy to use

Testing can be performed in 3 simple steps at the patient's side with only 2 or 3 drops of whole blood. Touch screen with user friendly interface helps the operator through the testing process easily.



Fast results

Get accurate results in 4 minutes at the patient's side to enable rapid decision-making, and optimize patient-care.



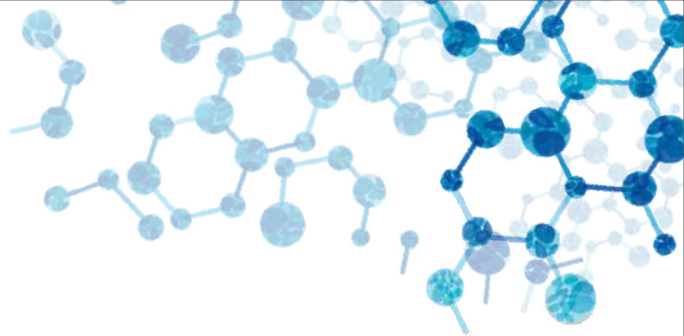
Multi-parameter card

Single-use test card offer a broad menu of tests on a single, portable platform. Each test card has a unique combination of biosensors to suit a wide range of clinical needs.

Technical Specifications



Sample	Arterial or venous whole blood
Sample volume	100 µL
Bar code	QR code
QC & calibrate	Real time QC
Display	4.3 IPS touch screen
Connectors	Type-c
Power	5V 2A
Battery	3.7V, 5000mAh
Printer	Built-in thermal printer
Weight	600g
Operating temperature	Temperature: 5 - 32 °C Relative humidity ≤85%



Point Of Care Testing (POCT) Fully Automated Biochemistry Analyzer

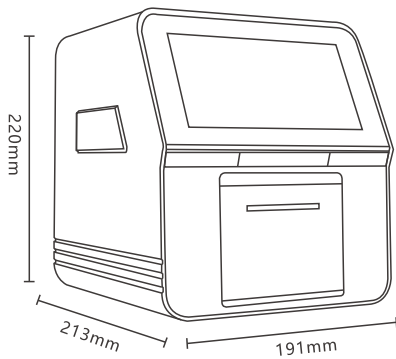
SMT-120 auto dry biochemistry analyzer is a biochemical analysis system that integrates conventional biochemistry, coagulation, electrolyte and immunoassay items. It is widely used in primary health, emergency diagnostic testing, field rescue and other fields.

Immediate Results Anywhere Anytime

Transfer results to PC

Build results database
(LIS System)





SMT-120

FULLY AUTOMATED BIOCHEMISTRY ANALYZER

Equipped with the latest medical and technological innovations, we have invented a state-of-the-art portable SMT-120 auto dry biochemistry analyzer which provides a better, faster and more accurate diagnosis for blood analysis.



Test up to 34 parameters in total



Test results in 12 minutes



3-step simple operation

ADVANTAGES

Low Sample Consumption

Sample Volume needed is 1/10 - 1/20 of conventional chemistry analyzer.

Easy to Use

No professional skill required.

Maintenance Free

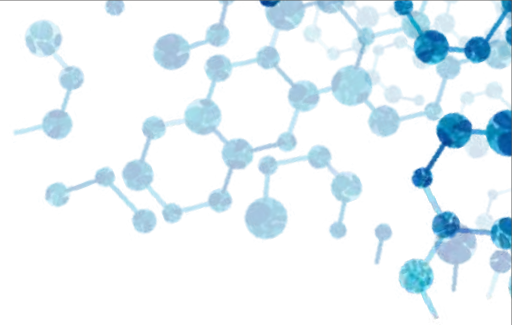
Robust analyzer, no consumables needed, such as tubes, pumps and valves.

Accurate Result

Using the photoelectric colorimetric principle, the SD1 analyzer has many advantages versus conventional dry biochemistry analyzer using the light reflection method. Dilution of test sample is guaranteed Without random errors or cross contamination.

SPECIFICATION

Sample volume:	100µl	Testing method:	End point, kinetic, fixed time, turbidmetry etc
Bar code:	QR code	Light source:	12V/20W, Halogen tungsten lamp with life span over 2500 hours
Testing time:	12 minutes / sample	Power supply:	AC 100V-240V, 50-60Hz
Temperature:	37°C ± 0.3°C	Power:	Output: 15 ■■■ 7.0a, 105W MAX
Resolution:	0.001Abs	Display:	Android 7.0 inch 800*480, multi-point capacitive touch screen, multilingual choice
Absorbance:	0-3.0Abs	Storage:	500,000 results
Sample type:	Anti-coagulation whole blood, serum, plasma	Printer:	Built-in thermal printer
Work condition:	Temperature:10-30°C Humidity: 30%-70%	Interface:	4 USB ports, 1 LAN port
Testing principle:	Absorption spectroscopy, transmission turbidimetry	Dimension:	305*335*390mm. 5kg(N.W.), 7kg(G.W.)
QC&Calibration:	IQC (Intelligent Quality Control)		



EASY 3-STEP OPERATION

All steps are automated from centrifugation, dilution, quality control to test result printing.



01 Add Sample (100 μ L)



02 Insert Disc (12-minute testing time)



03 Read Results (immediately)

DISPOSABLE REAGENT DISC

Seamaty Reagent Disc Introduction

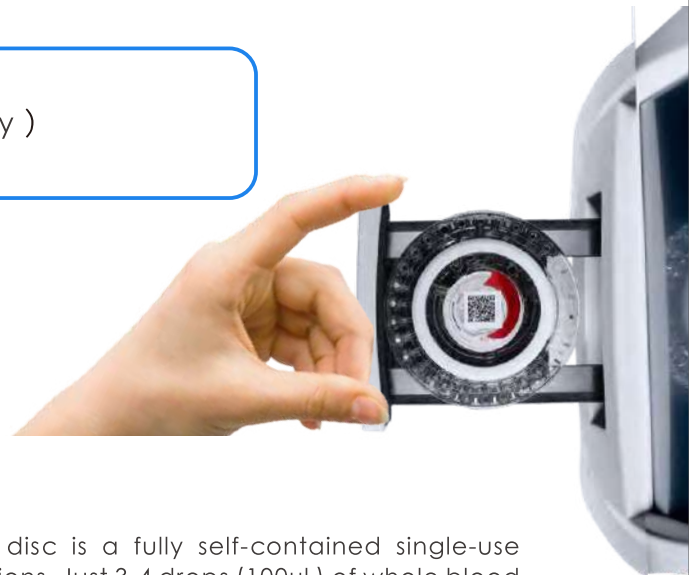
Born from space technology research, Seamaty reagent disc is a fully self-contained single-use chemistry reagent disc designed to satisfy a variety of conditions. Just 3-4 drops (100 μ l) of whole blood are required to offer accurate results. The test kit consists of lyophilized reagent beads, diluent and QR code. The reagent disc has a shelf life of 12 months(2-8 $^{\circ}$ C storage). The diluent is contained in the disc. The QR code includes the basic information of the disc.

Intelligent Quality Control

The reagent disc contains a complicated internal quality control system IQC which continuously monitors the disc function to ensure reaction stability and optimal disc performance. IQC is the engine that drives the SD1 accurately and precisely.

Correlation

In countless central-lab correlation studies, the accuracy, precision and reproducibility of the SMT-120 chemistry analyzer has been proven and approved by the most respected hospitals and commercial around the world.



Reagent Panel

Panels	General Chemistry II Kit							General Chemistry III Kit										
	8 Renal Function Kit	7 Electrolyte Kit	4 Cardiac Kit	10 Relyte Kit	18 General Chemistry II Kit	8 Renal Function Kit	7 Relyte Kit	14 General Chemistry Kit	10 Liver Function Kit	6 Lipid Kit	19 General Chemistry III Kit	10 Liver Function Plus Kit	10 Liver Function Kit	13 Health Check Kit	17 Conventional Chemistry Kit	14 General Chemistry B Kit	11 Chemistry CRP Kit	5 CRP Kit
Analytes	AW00088	AW00246	AW00411	MD20105	AW00866	AW00275	AW00788	AW00002	AW00131	AW00353	AW00867	AW00430	AW01078	AW00194	AW01076	AW01077	AW00857	MD10132
ALB	ALB				ALB	ALB		ALB	ALB		ALB	ALB	ALB	ALB	ALB	ALB	ALB	
ALP								ALP	ALP		ALP	ALP	ALP		ALP		ALP	
ALT								ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	
AMY					AMY			AMY	AMY		AMY	AMY		AMY		AMY		AMY
AST			AST		AST			AST	AST	AST	AST	AST	AST	AST	AST	AST	AST	
Ca	Ca	Ca		Ca	Ca	Ca								Ca				
CHE									CHE		CHE		CHE		CHE			
CK			CK		CK						CK			CK		CK		
Cl ⁻		Cl ⁻		Cl ⁻	Cl ⁻	Cl ⁻	Cl ⁻											
Crea	Crea			Crea	Crea	Crea	Crea	Crea			Crea		Crea	Crea	Crea	Crea	Crea	Crea
DB											DB	DB	DB		DB	DB	DB	
GGT								GGT	GGT		GGT	GGT	GGT		GGT			
GLU	GLU				GLU		GLU	GLU		GLU	GLU			GLU	GLU	GLU	GLU	
K ⁺		K ⁺		K ⁺	K ⁺	K ⁺	K ⁺											
Na ⁺		Na ⁺		Na ⁺	Na ⁺	Na ⁺	Na ⁺											
PHOS	PHOS	PHOS		PHOS	PHOS									PHOS				
TB								TB	TB		TB	TB	TB	TB	TB	TB	TB	
TBA									TBA		TBA		TBA		TBA			
tCO ₂	tCO ₂	tCO ₂		tCO ₂	tCO ₂		tCO ₂											
TP								TP	TP		TP	TP	TP	TP	TP	TP	TP	
UA	UA			UA	UA	UA		UA			UA		UA		UA	UA		
UREA	UREA			UREA	UREA	UREA	UREA	UREA			UREA		UREA	UREA	UREA	UREA	UREA	UREA
TC								TC		TC	TC				TC	TC		
TG								TG		TG	TG			TG	TG	TG		
HDL										HDL	HDL				HDL			
LDL*										LDL*	LDL*				LDL*			
LPS					LPS							LPS						LPS
HBDH			HBDH		HBDH													
LDH			LDH		LDH													
CRP																	CRP	CRP
Mg		Mg		Mg	Mg													
GLOB*								GLOB*	GLOB*		GLOB*	GLOB*	GLOB*	GLOB*	GLOB*	GLOB*	GLOB*	
U/C*	U/C*			U/C*	U/C*	U/C*	U/C*	U/C*			U/C*		U/C*	U/C*	U/C*	U/C*	U/C*	
A/G*								A/G*	A/G*		A/G*	A/G*	A/G*	A/G*	A/G*	A/G*	A/G*	

* calculated

TEST ITEMS

Basic blood-gas	Haematology	Electrolyte	Biochemistry
pH, pCO ₂ , pO ₂	Hct	K ⁺ , Na ⁺ , Ca ⁺⁺ , Cl ⁻	Glu, Lac

CALCULATION PARAMETERS

Total 23 Parameters:

cH⁺, cH⁺(T), pH(T), pCO₂(T), pO₂(T), HCO₃⁻atd, HCO₃⁻std, BB(B), BE(B), BE(ecf), ct CO₂, Ca⁺⁺(7.4), AnGap, tHb(est), sO₂(est), pO₂(A-a), pO₂(A-a)(T), pO₂(a/A), pO₂(a/A)(T), RI, RI(T), pO₂/FI O₂, pO₂(T)/FI O₂

TEST PACKAGES

Test Item \ Cat No.	W459	W460	W461	W462	W463	W464	W465	W466
pH	•			•	•	•	•	•
Co ₂	•			•	•	•	•	•
O ₂	•			•	•	•	•	•
K ⁺		•	•	•	•	•	•	•
Na ⁺		•	•	•	•	•	•	•
Ca ⁺⁺			•			•	•	•
Cl ⁻		•	•	•	•		•	•
Hct					•	•	•	•
Glu								•
Lac								•



Fight for time and grab treatment opportunity for critical patients! whenever wherever

Blood Gas Analyzer
 • Reliable • Portable • Accurate • Efficient



BGA-102

CE NMPA

1 FEATURES

Automatic Aspiration

Without manual operation, the procedure is more simple.

Maintenance Free

Compact instrument design, no internal liquid path, no need for maintenance.

Easy To Use

Only three steps are required to complete one sample test.

Accurate Results

Good correlation with the Radiometer and help doctors make a diagnosis.

Carry With Ease

Small and light, humanized handle makes it easier to carry.



302(L)*226(W)*180(H) mm
No more than 6.5 kg
(including battery but no power adapter)

Design advantages make it adapt to different scenarios.



Battery powered



Built-in Printer



LIS Connect Function



Operate Video

2 APPLICATION SCENARIOS

Necessary equipment for medical institutions to treat critically ill patients.



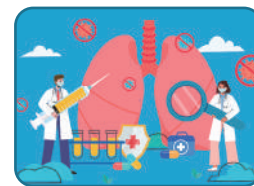
ICU/CCU/NICU



ER



OR



Pneumology Department



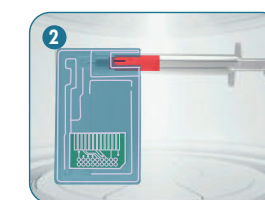
Ambulance

3 OPERATION

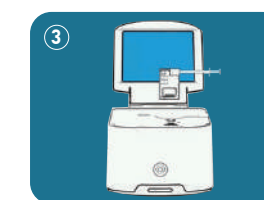
Two-steps operation, One complete test.



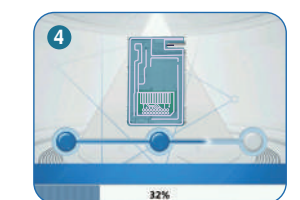
Sampling



Connecting



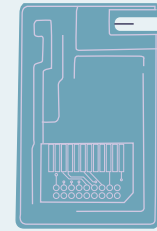

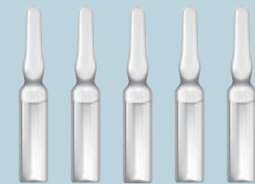
Inserting



Reading

4 COMPONENTS

Less product component, better user experience.

<p>Test Card</p>		<p>One test card, multiple solutions.</p> <ul style="list-style-type: none"> • Sample Type: Arterial Whole Blood • Sample Volume: 80 μL • Reading Time: 45 s • Store at room temperature for up to 12 months • Suitable for syringe and capillary sampler.
<p>Reagent Pack</p>		<ul style="list-style-type: none"> • Storage Condition: 2~8 $^{\circ}$C • Shelf Life: 12 months • Installed Life: 10 parameters: 45 days 8 parameter: 60 days
<p>Quality Control</p>		<ul style="list-style-type: none"> • Internal electronic QC • External electronic includes three levels liquid quality control