

PRODUCT CATALOGUE

2025-2027

Microbiology E.A.Ltd
...Redefining Point of Care Testing...

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Executive Summary

Microbiology E. A. Ltd was incorporated in Kenya in the year 2006 as one of In vitro Diagnostic supplies company. In alignment with our ongoing mission of making quality In-Vitro Diagnostics affordable and accessible to every clinical laboratory I am pleased to introduce this comprehensive product catalogue of technical specifications for all our main products.

With this product catalogue, we aim to empower healthcare facilities with the most accurate, reliable, and up-to-date information, enabling informed decisions and efficient procurement processes. This catalogue represents a significant step in our commitment to transparency, efficiency, and innovation in invitro diagnostic delivery.

We appreciate the increasing adoption of point-of-care testing (POCT) devices in immunoassay and molecular diagnosis. We have meticulously classified these equipments with their technical specifications, ensuring clarity and ease of navigation for both users and hospital administrators.

It is important to note that the specifications included in this product catalogue are subject to continuous updates. This reflects our continued commitment to incorporating emerging technological advancements and the latest developments in laboratory medicine.

All these products are supported with innovative after sales technical fPPM thus increasing analyzer life cycle and reducing equipment down time.

Our mission remains unwavering: to make quality latest diagnostic equipments affordable and accessible to every clinical laboratory while creating growth opportunities for our customers, employees and partners.

I extend my gratitude to all our partners, stakeholders, and the dedicated team of employees behind this initiative. Together, we are shaping a future where diagnostic excellence is accessible and achievable.

Sincerely,

Dr. Josephat Sua, BSc (Hons), MBA, DBA.
Managing Director



Our Story



Microbiology E.A. Ltd is a leading In-Vitro Diagnostic supplier in Eastern Africa providing complete range of clinical laboratory diagnostic products. Proudly Kenyan, Microbiology E.A. Ltd was incorporated in 2006 by professional medical laboratory scientists with the aim making quality latest diagnostic equipments affordable and accessible to every clinical laboratory.

Through our passion of providing quality Point of Care Testing devices, Microbiology E.A. Ltd offers our clients with comprehensive solutions related to clinical laboratory testing. Supported by a team of highly trained medical laboratory technologists and medical engineers, we supply and maintain medical equipments from the world's best upcoming manufacturers 'in laboratory medicine.

Some of these brands are;



We have a dedicated and deliberate commitment to deliver a professional service, with trusted maintenance and technical support all the way during the analyzer life cycle.

Our Mission

Our mission is to contribute to a safer and healthier population by making clinical laboratory diagnostics affordable and accessible to every clinical laboratory whilst creating growth opportunities for our employees, customers, and partners.

Our Vision

Our vision is to be a leader in quality Point-of-Care-Testing clinical laboratory diagnostics in Eastern Africa.



Quality Policy Statement



Microbiology E.A. Ltd is committed to being a leader in the regions In-Vitro Diagnostic Market.

To achieve this, the directors are determined to ensure that all products are safe, reliable, of good quality and fully supported by excellent customer and technical service at all times.

This is achieved by;

1. Ensuring that all the products are sourced from well-established international manufacturers who are committed to Distributor Technical Support and with well documented ISO, CE, and other relevant Quality Certifications.
2. Complying with all National & International Statutory obligations, Standards, and Codes of practice relevant to Quality Management Systems in the IVD Industry.
3. Ensuring all the products are stored and delivered at the required temperatures.
4. Providing sufficient and suitable, structured products training to our staff and customers.

To ensure that the quality policy is fully implemented, all the staff are obligated to identify, document and report emerging customer requirements, and ensure that the best suitable corrective procedures are taken to meet those requirements.

The CellScan Haematology Analyzer Family

Digital Haematology



Microbiology E.A. Ltd

...Redefining Point of Care Testing...

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CellScan 30 Haematology Analyzer



Delivering Full Haemogram Tests with Digital Technology.

The is a robust 3-part haematology analyzer integrating a range of advanced features intended for a cost-minded CellScan 30 and quality-focused clinical laboratories.

The enhanced specification expands clinical capabilities making it possible for every clinical laboratory perform full haemogram tests at reduced costs and offering quality results to doctors.

The quality hardware components ensure reliable performance, and the improved fluidic system reduces reagent consumption and analyzer downtime.

Expanded clinical capabilities

- Wider linearity range and better precision meet diversified clinical cases
- 24-parameters test result, including NLR and PLR, helps with the prognosis of infectious and cardiovascular diseases
- Adaptive threshold differentiates WBC, RBC, and PLT with better accuracy
- Original hematology calibrator and controls guarantee the performance

Effective cost control

- Two routine reagents
- Up to 180 days reagents onboard stability
- Test-quantity-based-maintenance

CellScan 30 Hematology Analyzer Specification

Parameters

- 21 reportable full haemogram parameters: WBC, LYM%, MXD%, NEUT%, LYM#, MXD#, NEUT#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCC, and PLCR.
- 2 RUO parameters: *NLR, *PLR.
- 3 histograms for WBC, RBC and PLT.
- 2 RUO parameters: NLR, PLR
- 3 histograms for WBC, RBC and PLT

Performance	Parameter	Linearity Range	Precision (CV %)
	WBC (10 ⁹ /L)	0.0-300	≤3.0% (3.50-7.00)
	RBC (10 ¹² /L)	0.0-8.5	≤2.5% (7.01-15.00)
	HGB (g/L)	0-250	≤1.5%
	PLT (10 ⁹ /L)	0-4000	≤1.5%
	MCV(fL)	70-120	≤5.0%
			≤1.0%

Principles

Direct impedance method for WBC, RBC and PLT counting Cyanide free Lyse reagent for hemoglobin test.

Sample Volume

Whole blood mode	10 µL
Capillary whole blood mode	10 µL
Pre-diluted mode	20 µL

Reagent

CellScan HD310 Diluent 10L/20L
CellScan HI310 Lyse 200mL/500mL/1L

Operating Environment

Temperature: 15°C~35°C;
Humidity: 20% RH~85% RH;
Air pressure: 70 kPa~106 kPa

Throughput

60 samples per hour

Control and Calibrator

ED-30D, ED-CAL PLUS

Data Storage Capacity

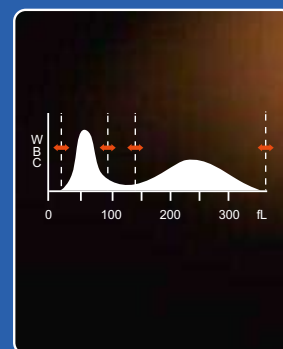
100, 000 results including results and histograms
60 QC files (100 data per file)

Dimension and Weight

415mm(L) x 275mm(W) x 406mm(H);
Weight: 18kg



Small sample volume



Adaptive threshold

CellScan 50 Haematology Analyzer

Deliver reliable results with maximum uptime



Analysis recording via cycle counter for easy cycle summary and maintenance monitor

Hematology Analyzer

Specification

Parameters

25 reportable parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.

6 research parameters include LIC%, LIC#, ALY%, ALY#, NLR, PLR

2 histograms for RBC and PLT

2 scattergrams for DIFF and BASO

Performance

Parameter	Linearity Range	Precision (CV %)
WBC (10 ⁹ /L)	0.0-500	≤3.0% (3.50-7.00)
RBC (10 ¹² /L)	0.0-8.5	≤2.5% (7.01-15.00)
HGB (g/L)	0-250	≤1.5%
PLT (10 ⁹ /L)	0-4000	≤1.5%
		≤5.0%

Principles

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting
Electrical impedance method for RBC, PLT counting
Cyanide-free reagent for HGB with colorimetric method

Sample Volume

Whole blood mode	16 µL
Capillary whole blood mode	16 µL
Pre-diluted mode	20 µL

Throughput

60 samples per hour

Interface

12 inch colorful touch screen

Reagent

CellScan Hd600 Diluent 20L
CellScan Hi600 Lyse 500mL/1L

Control and Calibrator

ED-60D, ED-CAL PLUS

Data Storage Capacity

100,000 results including results and histograms.
60 QC files (100 data per file)

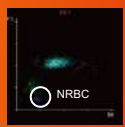
Dimension and Weight

501(D)×320(W)×502.5(H)
Weight: 29.3kg

SENSITIVE FLAGGINGS THAT ASSIST YOUR INSIGHTS

NRBC

NRBC PRESENCE FLAGGING
REMINDED TO CORRECT WHITE BLOOD CELL COUNTS BY SMEAR



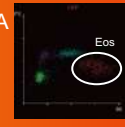
ALY

ABNORMAL LYMPHOCYTE FLAGGING
SUSPICIOUS OF VARIANT LYMPHOCYTES AND MALIGNANT LYMPHOCYTES



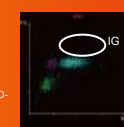
EOSINOPHILIA

HIGH SPECIFICITY ON EOSINOPHIL
GREAT DIFFERENTIATION ON EOSINOPHILIA SAMPLES



IG

IG PRESENCE FLAGGING
ASSESSMENT OF SEPSIS AND INFLAMMATION
COMPRISED OF METAMYELOCYTES, MYELOCYTES & PROMYELOCYTES

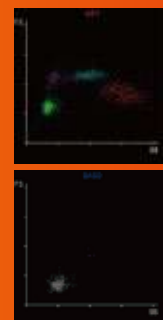


DIFF

10 DIFF PARAMETERS

HIGH CLUSTERING OF 5-DIFF

TWO 2D SCATTERGRAMS
HIGH SENSITIVITY FLAGGING



DIFF

BASO

CellScan 50s Haematology Analyzer



Deliver reliable results
with maximum uptime

Specification

Parameters

25 reportable parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.

6 research parameters include LIC%, LIC#, ALY%, ALY#, NLR, PLR

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			≤5.0%

Principles

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting

Electrical impedance method for RBC, PLT counting

Cyanide-free reagent for HGB with colorimetric method

Sample Volume

Whole blood mode	16 µL
Capillary whole blood mode	16 µL
Pre-diluted mode	20 µL

Reagent

CellScan Hd600 Diluent 20L
CellScan Hl600 Lyse 500mL/1L

Operating Environment

Temperature: 15°C~32°C;
Humidity: 30% RH~85% RH;
Air pressure: 70 kPa~106 kPa

Throughput

60 samples per hour

Interface

12 inch colorful touch screen

Control and Calibrator

ED-60D, ED-CAL PLUS

Data Storage Capacity

100, 000 results including results and histograms
60 QC files (100 data per file)

Dimension and Weight

626.5 (D)×565 (W)×580(H)
Weight: 42kg

Details That Lighten Your Work.

12-inch
colorful touch screen

Reagent management
via RFID card
secure your reagent
business

Automatic rotation and recognition of sample ID
60 samples capacity autoloader with continuous
loading



Various tube supported
Incorrect mode selection
prompt
· Vacuum tube
· 0.5ml/1.5ml centrifuge tube
· Microtainer



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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



iCHROMA™ III



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Category	Item	ichroma™ II	ichroma™ III	Sample type	Working range	Test time (min)
Cardiac	Tn-I	●	●	S/P	0.10-50 ng/mL	12
	Tn-I	●	●	S/P	10-2000ng/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	5-500 ng/mL	12
	hsCRP	●	●	WB/S/P	0.1-10 mg/L	3
	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	3.1-200.0 ng/mL	12
	BNP	●	●	WB/P	5-5,000 pg/mL	12
	Troponin T	●	●	WB/S/P	10-20,000 pg/mL	12
	LDL-Cholesterol Direct	●	●	S/P	10-300 mg/dL	10
Cancer	PSA	●		WB/S/P	S/P: 0.1-100 ng/mL (WB: 0.5-100 ng/mL)	15
	Free PSA*	●	●	WB/S/P	0.05-50 ng/mL	12
	AFP	●	●	WB/S/P	5-350 ng/mL	15
	CEA	●	●	WB/S/P	1-500 ng/mL	15
	CEA Neo	●	●	WB/S/P	1-500 ng/mL	15
	iFOB Neo	●	●	Feces	25-1,000 ng/mL	10
	Cyfra21-1	●	●	S/P	1-500 ng/mL	12
	CA19-9	●	●	S/P	8-1,000 U/mL	12
	CA125	●	●	S/P	5-700 U/mL	12
Diabetes	HbA1c Neo	●	●	WB	(NGSP) 4-15 %	12
	Microalbumin	●	●	Urine	2-300 mg/L	12
	Cystatin C	●	●	S/P	0.1-7.5 mg/L	10
	Insulin	●	●	WB/S/P	2-300 µIU/mL	12
Hormone	TSH	●	●	WB/S/P	0.09-100 µIU/mL	12
	T3	●	●	S/P	0.5-5.0 ng/mL (0.77-7.7 nmol/L)	16
	T4	●	●	S/P	10.23-300.0 nmol/L	16
	Free T4	●	●	WB/S/P	1-100 pmol/L	12
	FSH	●	●	S/P	1-100 mIU/mL	15
	Progesterone	●	●	S/P	4.45-127.2 nmol/L (1.4-40 ng/mL)	15
	β-HCG	●	●	WB/S/P	5-50,000 mIU/mL	15
	LH	●	●	S/P	1.0-100.0 mIU/mL	15
	PRL	●	●	S/P	1-100 ng/mL	10
	Testosterone	●	●	S/P	0.5-12 ng/mL	12
	Cortisol	●	●	WB/S/P	50-800 nmol/L	10
	AMH	●	●	S/P	0.02-15 ng/mL	12
	PTH	●	●	WB/S/P	30-3,000 pg/mL	12

WB = Whole blood, S = Serum, P = Plasma, NS = Nasopharyngeal swab

Category	Item	ichroma™ II	ichroma™ III	Sample type	Working range	Test time (min)
Infection	COVID-19 Ag	●	●	NS	Qualitative	12
	COVID-19 Ab	●	●	WB/S/P	Qualitative	10
	COVID-19/Flu Ag Combo	●	●	NS	Qualitative	20
	COVID-19 nAb	●	●	WB/S/P	Qualitative	20
	COVID-19 SP/NP IgG	●	●	S/P	Qualitative	10
	CRP	●	●	WB/S/P	2.5-300 mg/L	3
	MxA/ CRP	●	●	WB/S/P	CRP:1-200 mg/L MxA: 10-300 ng/mL	12
	PCT	●	●	WB/S/P	0.1-100 ng/mL	12
	IL-6	●	●	WB/S/P	2-2,500 pg/mL	12
	ASO	●	●	S/P	25-800 IU/mL	12
	Dengue NS1Ag	●	●	WB/S/P	Qualitative	12
	Dengue IgG/IgM	●	●	WB/S/P	Qualitative	12
	HBsAg*	●		WB/S/P	Qualitative	12
	Anti-HBs*	●	●	WB/S/P	Qualitative	15
	Anti-HCV*	●		WB/S/P	Qualitative	12
	Influenza A+B	●	●	NS/ Nasal aspirate	Qualitative	10
	RSV	●	●	NS/ Nasal aspirate	Qualitative	10
	Influenza A+B/RSV	●	●	NS/ Nasal aspirate	Qualitative	10
	COVID-19/Flu A+B/ RSV Ag Combo	●	●	NS	Qualitative	20
	NORO	●	●	Feces	Qualitative	12
	ROTA	●	●	Feces	Qualitative	12
	Adeno	●	●	NS/ Nasal aspirate	Qualitative	10
	Rota/Adeno	●	●	Feces	Qualitative	12
	Strep A	●	●	Throat swab	Qualitative	5
	Mycoplasma	●	●	Throat swab	Qualitative	10
	IGRA-TB 25	●	●	P	Qualitative	15
	Toxo IgM*	●	●	WB/S/P	Qualitative	12
	Toxo IgG*	●	●	WB/S/P	Qualitative	12
	Toxo IgG/IgM*	●	●	WB/S/P	Qualitative	12
	Rubella IgM*	●	●	WB/S/P	Qualitative	12
	Rubella IgG*	●	●	WB/S/P	Qualitative	12
	CMV IgM*	●	●	WB/S/P	Qualitative	12
	CMV IgG*	●	●	WB/S/P	Qualitative	12
Autoimmune	RF IgM	●	●	WB/S/P	8-200 IU/mL	5
	Anti-CCP Plus	●	●	WB/S/P	3.5-300.0 U/mL (Semi-quantitative)	12
	Total IgE	●	●	WB/S/P	1.00-1,000 IU/mL	12
Other test items	Ferritin	●	●	S/P	10-1,000 ng/mL	10
	Vitamin D Neo	●	●	WB/S/P	5-100 ng/mL	12
	Calprotectin	●	●	Feces	10-1,000 mg/kg feces	10
	H. pylori SA	●	●	Feces	Qualitative	12
	KL-6	●	●	S/P	51-3,000 U/mL	10

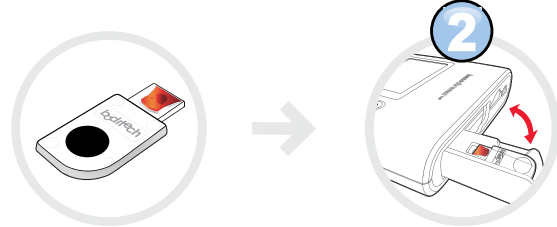
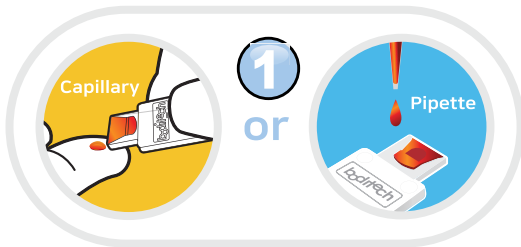
Total Hemoglobin Meter

hemochroma PLUS

- ▶ Microcuvette with dual sample inlets
- ▶ Capillary blood or tube blood

Specifications

Principle	Absorptiometry
Sample Types	Whole blood
Sample volume	15 µL
Detection range	0-27.0 g/dL
Reading time	3 seconds
Memory	1,000 tests
Analyzer	106.5 x 151.0 x 38.5 mm
Power	Batteries (AA×4) or USB charger Serial printer connection



iCHROMA™ III



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qLabs® ElectroMeter Plus

for Professional Point of Care



MICROPOINT

qLabs® ElectroMeter Plus

for Professional Point of Care

Diagnostics on Demand for POC

Handheld Rapid Testing Platform

Features

- On board quality controls
- Fingertip blood sample of 10 µL
- Reliable laboratory quality results in less than 7 minutes
- External liquid QC (LQC) available
- High isolation between channels for high precision
- Built-in temperature controlled testing
- eStation for printing and connectivity
- Built-in barcode scanner
- No calibration or instrument manipulation needed

Current Test Menu

- PT
- aPTT
- PT/aPTT Combo

ABOUT MICROPOINT

Micropoint Bioscience, Inc. is a global provider of Point of Care Testing (POCT) systems and solutions. We are improving patient care by providing rapid, accurate, reliable, and low cost diagnostic products. Micropoint's patented microfluidic technologies and three proprietary POCT platforms enable testing at the same high quality level as a central lab, but with improved speed and convenience. Micropoint's products are manufactured in cGMP and ISO 13485 certified facilities.

Interface

Display
Barcode scanner

2.1 inch 128×96 LCD
Laser class 2
according to EN 60825-1:2007

Software

Language

Multi-language menu

Memory Capacity

Patient records

Stores up to 200 patient records
and 12 QC results

Performance

Measurable Range

INR between 0.5 to 7.5
APTT from 20 sec to 420 sec

Specifications

Dimensions
Weight
Operating conditions

Power supply

135mm x 65mm x 34.5mm (L x W x H)
154 g (Without Batteries)
Temperature: 10 °C - 35 °C
Relative humidity: 10 % - 90 %
100V-240V AC
4 X AA batteries

MICROPOINT

CLINICAL CHEMISTRY ANALYZERS

Suitable Solutions for a wide range of laboratories

We provide a number of scalable biochemistry solutions to meet different laboratories' needs.

With a history of almost 20 years, we are a well-experienced wet chemistry analyzer supplier.

The well selected high-end quality analyzers produced by key international players in IVD industry, have affirmed ourselves as one of the most appreciated brands. Moreover, the easy-to-use, advanced workflow combined with our top edge end-user clinical chemistry training maximizes cost-efficiency and improves turnaround time.



CliniPak

Diagnostics

With Dedicated Chemistry Packs

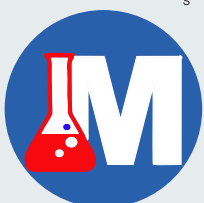


ALCOR
Auto-Chemistry Analyzer



CliniPak

Semi



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IDEAL CHOICE FOR

LOW COST

RELIABLE PERFORMANCE



Main Specifications

Absorbance Range	-0.500 - 3.000Abs
Resolution	0.001Abs (displayed), 0.0001Abs (calculated)
Light Source	Halogen lamp
Wavelengths	340,405,500,546,620nm, 3 more filters optional
Wavelength Accuracy	± 1nm
Band Width	< 8nm
Cross Contamination Rate	< 1%
Interface	RS-232 serial cable
Flow Cell	Metal - quartz flow cell
Temperature Control	25°C, 30°C, 37°C, ±0.1°C and ambient temperature
Display	LCD display
Output	Internal printer or external printer(optional)
Power Supply	AC 100V - 240V ± 10%, 50-60Hz
Net Weight	7KG
Dimensions L × W × H (mm)	360 × 318 × 160



Flow Cell



Cuvette(optional)



Keypad



Internal printer



RTA-19 Incubator
(optional)

Test Report

Item Name: ALT
From:2006-12-15
Date:2006-12-31


Sample No:1
To:2006-12-30

No	Item	Result	Remark
1	ALT	132.098	H
2	ALT	103.213	--
3	ALT	50.098	L



Where AutoChemistry Starts

Physical characteristics

SIZE/ WEIGHT	Height: 40cm (15.7in) Depth: 60cm (23.6in) Width: 38cm (14.9in)	Weight: 20kg (41.8lbs)
POWER SUPPLY	100-240 Vac, 50/60Hz, single phase with ground Fuses: 2 Amp @ 230 Vac, 3.15 Amp @115 Vac Power consumption: less than 150 VA (external PC excluded) Ground resistance: less than 0.1Ohm Leakage current: less than 2.5mA	
SAMPLING ARM	1 sampling needle, 75mm needle stroke Capacitive liquid level detector	
DILUTER SYRINGE	Long life plunger Syringe capacity, 368µL Syringe resolution, 0.07µL	
HYDRAULIC SYSTEM	2 self-priming peristaltic pumps (life 1000 hrs) with replaceable neoprene cassette (life 500 hrs) Optional 3 rd peristaltic pump+aspiration needle to empty reaction cuvettes Pinch valve Containers: Water, 2L; Waste, 2L Water consumption: 4mL/test average	
REAGENTS TRAY	Removable reagent rack 20 bottle, 38mL or 15mL Optional multiple reagent trays with worklist automatically managed by the software	
SAMPLES TRAY	Removable tray, 10 numbered positions, tubes of 12-13 mm, 5-7mL/cups of 1mL (cups requires a metal adapter for level detection) Optional configuration: 10 reagent positions and 20 sample positions	
CUVETTE ROTOR	4 reaction segments of 24, single use, optical cuvettes, total 96	
REACTION CELLS	Optical path 9.5 mm, 275-500µL reaction volume 100W heating resistance, temperature sensor	
OPTICAL GROUP	1 halogen lamp (6V, 10W) with extended UV emission 2 focusing lenses, optical glass 10-position filter disk: 8 positions provided with interference filters of 340, 405, 505, 546, 578, 600, 650, 700nm wavelengths, 1 free position and 1 solid position for dark reading, ±2 nm on peak wavelength, band pass of ±10nm	
PHOTO AMPLIFIER	Photoelectric detector Signal amplifier Response range, 320nm to 900nm Photometric range, 0 to 3 Abs Linearity, ±0.5% (0.1 to 1.5 Abs) Precision: 0.5CV% (0.100 to 1.500 Abs) Stability: daily reader of set, less than 1% drift per day	
CONTROL	Real-time multitasking microprocessor based control Easy access to the electronics	
EXTERNAL COMPUTER	Minimum requirements: Intel I3 family, 4GB Ram Minimum 900 dots vertical resolution Graphics adapter and multithread processor Keyboard, mouse, A4 printer Microsoft Windows®7 or 10 Framework: .NET framework 4.6 USB port for analyzer connection Ethernet LAN port for LIS host communication External Laser A4 printer suggested Software  designed for touch screen monitor	



CliniPak
Diagnostics
Dedicated Chemistry Packs

Acid Phosphatase	■	HbA1c (HbA1c, HbA1)	■
Albumin (ALB)	■	HDL Cholesterol (HDL-C)	■
Alkaline Phosphatase (ALP, AP)	■	Iron (Fe)	■
Alpha-Amylase (AMY, AMS)	■	LDH (LDP-P)	■
Bilirubin Direct (DBIL)	■	LDL Cholesterol (LDL-C)	■
Bilirubin Total (TBIL)	■	Lipase (LIP, LPS)	■
Calcium (Ca)	■	Magnesium (Mg)	■
Chloride (Cl)	■	Microalbumin (MALB)	■
Cholesterol (CHOL)	■	Pancreatic Amylase (PAMY)	■
CK-MB (CK-MB)	■	Phosphorus Inorganic (Po3, PHOS)	■
C-reactive Protein (CRP)	■	Potassium (K)	■
Creatinine (CREA)	■	rheumatoid Factor (RF)	■
Ferritin (FER)	■	Sodium (Na)	■
Gamma-GT (GGT)	■	Total Iron Binding Capacity (TIBC)	■
Glucose (GLUC)	■	Total Protein (TP)	■
GOT/ASAT (AST, SGOT)	■	Triglycerides (TG)	■
GPT/ALAT (ALT, SGPT)	■	Urea (UREA, BUN)	■
		Uric Acid (UA)	■



ALCOR

Auto-Chemistry Analyzer



Clinical Chemistry Solutions

MADE IN ITALY

Physical characteristics

SIZE / WEIGHT	Height: 40 cm (15.7 in) Depth: 67 cm (26.4 in) Width: 60 cm (23.6 in)	Weight: 32 kg (70.5 lbs) Depth: 67 cm (26.4 in)
POWER SUPPLY	100-240 VAC, 50 / 60 Hz, single phase with ground Independent on-off switch for refrigerated reagent plate Fuse compartment / fuses: 2 Amp @ 230 Vac, 4 Amp @ 115 Vac Power consumption: less than 200 VA (external PC excluded) Ground resistance: less than 0.10 Ohm Leakage current: less than 2.5 mA	
SAMPLING ARM	1 sampling needle, 80 mm needle stroke Capacitive liquid level detector	
DILUTER SYRINGE	Long life plunger Syringe capacity, 368 µL Syringe resolution 0.14 µL	
HYDRAULIC SYSTEM	6 selfpriming peristaltic pumps (life 1000hrs) with replaceable neoprene cassette (life 500hrs) 2 vacuum pumps Pinch valve Manifold Containers*: Water, 5L; Cleaning solution, 2L; Waste, 5L * equipped with level sensor and safety connections	
WASH STATION	Needles: 4 dispensing, 5 aspiration, 1 cleaning (8 step washing sequence for each cuvette)	
REAGENTS TRAY	Removable rack 30 bottles, 38 mL or 24 mL (up to 1140 mL total)	
SAMPLES TRAY	Removable tray, 30 + 20 numbered positions, 30 tubes of 12 x 75 mm / 20 cups (3,5 ml type)	
CUVETTE ROTOR REACTION CELLS	30 testable BIONEX® which allow up to 30,000 test per rotor Optical path 6 mm, 210 -350ul reaction volume 100W heating resistance, temperature sensor, safety thermostat	
OPTICAL GROUP	1 halogen lamp (6 V, 10W) with extended UV emission 2 focusing lenses, optical glass 10 position filter disk 8 positions provided with interference filters of 340, 405, 505, 546, 578, 600, 650, 700 nm wavelengths 1 free position and 1 solid position for dark reading Direct reading reaction cuvettes 6mm optical path ±2nm on peak wavelength, band pass of ±10nm	
PHOTOAMPLIFIER	Photoelectric detector Signal amplifier Response range, 320 nm to 900 nm Photometric range, 0 to 2.5 Abs Linearity, ±0.5% full scale Precision: 0.5 CV% (0.050 to 1.500 Abs) Stability: daily reader offset less than 1% drift per day	
CONTROL	Real-time multitasking microprocessor based control Easy access to the electronics	
EXTERNAL COMPUTER	(Minimum requirements) CPU: dual Core, 1.7 Ghz RAM: 2GB I/O: USB 2.0 port Display: minimum resolution 1280x900 OS: Windows® Framework: NETframework 4.0	



CliniPak

Diagnostics

Dedicated Chemistry Packs

Acid Phosphatase	■	HbA1c (HbA1c, HbA1)	■
Albumin (ALB)	■	HDL Cholesterol (HDL-C)	■
Alkaline Phosphatase (ALP, AP)	■	Iron (Fe)	■
Alpha-Amylase (AMY, AMS)	■	LDH (LDH-P)	■
Bilirubin Direct (DBIL)	■	LDL Cholesterol (LDL-C)	■
Bilirubin Total (TBIL)	■	Lipase (LIP, LPS)	■
Calcium (Ca)	■	Magnesium (Mg)	■
Chloride (Cl)	■	Microalbumin (MALB)	■
Cholesterol (CHOL)	■	Pancreatic Amylase (PAMY)	■
CK-MB (CK-MB)	■	Phosphorus Inorganic (Po3, PHOS)	■
C-reactive Protein (CRP)	■	Potassium (K)	■
Creatinine (CREA)	■	rheumatoid Factor (RF)	■
Ferritin (FER)	■	Sodium (Na)	■
Gamma-GT (GGT)	■	Total Iron Binding Capacity (TIBC)	■
Glucose (GLUC)	■	Total Protein (TP)	■
GOT/ASAT (AST, SGOT)	■	Triglycerides (TG)	■
GPT/ALAT (ALT, SGPT)	■	Urea (UREA, BUN)	■
		Uric Acid (UA)	■



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miniBIO SMT 120

FULL AUTOMATIC DRY CHEMISTRY ANALYZER



Immediate Results, Anywhere Anytime



Test up to 27
parameters in total



Test results in
12 minutes



Simple operation

Optional Accessories



SMT-120 POCT
Chemistry Analyzer



Reagent Disc
(Consumable)



POCT
Chemistry Solution



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No sample pretreatment needed.
only 100ul of whole blood / serum / plasma needed.



Maintenance free and easy to use in a field or mobile setting. Key parts imported from USA.
Internal centrifugation of test sample. No internal liquids or pumps.



Reads results using the photoelectric colorimetric principle. No random error or cross infection possible. Automatically prints result.

Build test results database (LIS System)










www.seamafy.cn

Quick Accurate Diagnosis

(7 Chemistry Profiles with Different Parameters in One Solution)

The test kit consists of freeze-dried reagent beads, diluent and QR code. Single use with 12 months lifespan (2-8°C storage temperature).

	*calculated parameter	Albumin	Alkaline Phosphatase	Aspartate Aminotransferase	Ammonia	Aspartate Aminotransferase	Calcium	Cholesterol	Chloride	Creatinine Glucose	Creatinine	Glucose	Creatinine Glucose	Potassium	HDL	Mg ²⁺	Na ⁺	PhOS	TBA	TB	TC	CO ₂	TG	TP	UA	UREA	HBDH	LDH	GLOB	U/C ⁺	A/G ⁺	LDL ⁺	
	Analyte (Full Name)	ALB	ALP	ALT	AMY	AST	Ca	CHE	Cl ⁻	CK	CREA	GLU	GGT	K ⁺	HDL	Mg ²⁺	Na ⁺	PhOS	TBA	TB	TC	CO ₂	TG	TP	UA	UREA	HBDH	LDH	GLOB	U/C ⁺	A/G ⁺	LDL ⁺	
	General Chemistry Kit PN:AW00002	•	•	•	•	•					•	•	•							•	•		•	•	•	•			•	•	•		
	Health Check Kit PN:AW00194	•		•	•	•	•			•	•	•						•		•			•	•		•			•	•	•		
	Liver Function Kit PN:AW00131	•	•	•	•	•		•					•						•	•				•				•			•		
	Renal Function Kit PN:AW00088	•					•				•	•						•					•			•	•				•		
	Electrolyte Kit PN:AW00246						•		•						•		•	•					•										
	Lipid Kit PN:AW00353			•		•					•				•						•			•		•							•
	Cardiac Kit PN:AW00411					•				•																	•	•					

Coming soon: LPS(Lipopolysaccharide), DBIL(Direct bilirubin)

ST-200 aQua

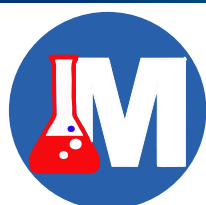
Electrolyte Analyzer



Sensa Core's ST-200 aQua Electrolyte Analyzer is completely automated, microprocessor controlled electrolyte system that uses current ISE technology to make electrolyte measurements. The ST-200 aQua product measures various combinations of Sodium, Potassium, Ionized Calcium, Lithium, pH and Chloride in whole blood, serum, plasma, CSF and diluted urine.

SENSA CORE

- + Measuring Time 50 Seconds
- + Extremely low cost per test.
- + Minimal Sample Volume (100µL)
- + Long Life, Maintenance free Electrodes



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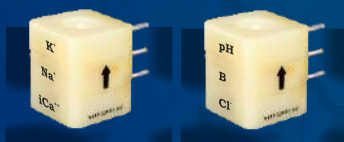
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Features

- Dispense 100 µL sample and acquire 8 different Critical Care results.
Electrolytes : Na⁺, K⁺, iCa⁺⁺, Li⁺, pH, Cl⁻.
Calculated Parameters : nCa, TCa
- Multilingual support.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- 7 inch high definition LCD with capacitive touch display.
- Excellent precision and reliability.
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 10 combinations.
- Numeric & alpha numeric input option with 15 digit operator & patient ID.
- External barcode scanner, mouse & keypad interfacing option.
- Self-calibration once new reagent pack is installed.
- Maximum 1,00,000 samples storage capacity.
- The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- Extremely low cost per test.
- Two USB output ports. (USB 2.0)
- Optional battery backup & much more.



Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na ⁺	20.0 - 200.0 mmol/L	< 1.0%	25 - 1000 mmol/L	< 5.0%
K ⁺	0.2 - 40.0 mmol/L	< 2.0%	1.0 - 500 mmol/L	< 5.0%
Cl ⁻	25.0 - 200.0 mmol/L	< 1.0%	25 - 500 mmol/L	< 5.0%
iCa ⁺⁺	0.1 - 6.0 mmol/L	< 2.0%	50 - 1000 mmol/L	< 5.0%
Li ⁺	0.2 - 5.0 mmol/L	< 2.0%	***	***
pH	6.5 - 8.0	± 0.03	***	***

Specifications

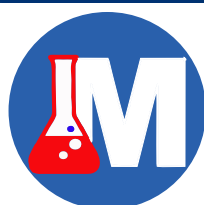
1. Principle : Direct measurement with ion selective electrode (ISE).
2. Parameters : This functionality allows the change of analytes.
3. Sample Type : Whole blood, serum, plasma, CSF and diluted urine.
4. Sample volume : 100 µL
500 µL for diluted urine
5. Reading time : 50 Seconds
6. Speed : 60 Samples / hour
7. Storage : 1,00,000 Samples
8. Conditioning : Storage & Operating Temperature 5°C to 40°C (41°F to 104°F)
Relative humidity 10-90%
9. Display : 7 inch high definition LCD with capacitive touch.
10. Print : 2 inch 24 column thermal printer.
11. Input voltage : 100-240V AC, 50/60Hz, 1.4A
12. Dimensions : 15.1" W x 13.2" H x 8.7" D,
Weight: 4.3 kg (without pack).
13. Battery : Optional (2 hours in standby mode).
14. OS : Android. (WiFi enabled application up-gradable)

Electrolyte Analyzer Models

Electrode Parameters

BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
K	K	K	K	K	K	K	K	K	K
Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
B	B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa
B	B	B	B	Li	pH	Li	pH	Li	Li
B	B	B	B	B	B	pH	B	B	pH
B	Cl	B	Cl	B	B	B	Cl	Cl	Cl
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

Parameter Combinations



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MICLIA 8

Single-Test CLEIA POCT System



≤ 5%
CV

25cm
Height

32
T/H

8tests
15mins

MICLIA 8



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Category	Test Item	Specimen Type	Test Time	Linearity Range	Package
Anemia	Folate (FA)	S	30 min.	1.50 ng/mL ~ 24.00 ng/mL	24 tests/kit
	Vitamin B12	S/P	30 min.	100.00pg/mL ~ 2000.00 pg/mL	24 tests/kit
	Ferritin	S/P	30 min.	0.50 ng/mL ~ 2000.00 ng/mL	24 tests/kit
Bone Metabolism	hGH	S/P	30 min.	0.020 ng/mL ~ 35.000 ng/mL	24 tests/kit
	25-OH-VD	S/P	30 min.	5.00ng/mL ~ 160.00 ng/mL	24 tests/kit
	PTH	S/P	30 min.	5.00pg/mL ~ 5000.00pg/mL	24 tests/kit
Cardiac Marker	BNP	S/P	15 min.	10.00 pg/mL ~ 5000.00 pg/mL	24 tests/kit
	NT-proBNP	S/P/WB	15 min.	30.00pg/mL ~ 30000.00pg/mL	24 tests/kit
	MYO	S/P/WB	15 min.	5.00 ng/mL ~ 1000.00 ng/mL	24 tests/kit
	hs-cTnI	S/P	15 min.	0.002ng/mL ~ 50.000 ng/mL	24 tests/kit
	CK-MB	S/P/WB	15 min.	0.50ng/mL ~ 300.00ng/mL	24 tests/kit
	H-FABP	S/P/WB	15 min.	1.00 ng/mL ~ 160.00 ng/mL	24 tests/kit
	cTnI	S/P/WB	15 min.	0.025ng/mL ~ 50.000 ng/mL	24 tests/kit
	Lp-PLA2	S/P/WB	15 min.	6.00 ng/mL ~ 800.00 ng/mL	24 tests/kit
	D-Dimer	S/P	15 min.	0.20μg/mL ~ 20.00μg/mL	24 tests/kit
Fertility	LH	S/P	30 min.	0.30mIU/mL ~ 200.00mIU/mL	24 tests/kit
	FSH	S/P	30 min.	0.40 mIU/mL ~ 200.00 mIU/mL	24 tests/kit
	PRL	S/P	30 min.	0.20ng/mL ~ 200.00ng/mL	24 tests/kit
	E2	S/P	30 min.	15 pg/mL ~ 2400 pg/mL	24 tests/kit
	Prog	S/P	30 min.	0.30 ng/mL ~ 60.00 ng/mL	24 tests/kit
	T	S/P	30 min.	0.10ng/mL ~ 20.00 ng/mL	24 tests/kit
	AMH	S/P	30 min.	0.02ng/mL ~ 24.000 ng/mL	24 tests/kit
	INHB	S/P	30 min.	10.00pg/mL ~ 1300.00pg/mL	24 tests/kit
	INHA	S	30 min.	1.50pg/mL ~ 1500.00pg/mL	24 tests/kit
	β-HCG	S/P	30 min.	1.00mIU/mL ~ 10000.00mIU/mL	24 tests/kit
Prenatal Screening	AFP	S/P	30 min.	0.50IU/mL ~ 1000.00IU/mL	24 tests/kit
	free-β-HCG	S/P	30 min.	0.25 ng/mL ~ 200.00 ng/mL	24 tests/kit
	PAPP-A	S	30 min.	5.00μIU/mL ~ 10000.00μIU/mL	24 tests/kit



MICLIA 8

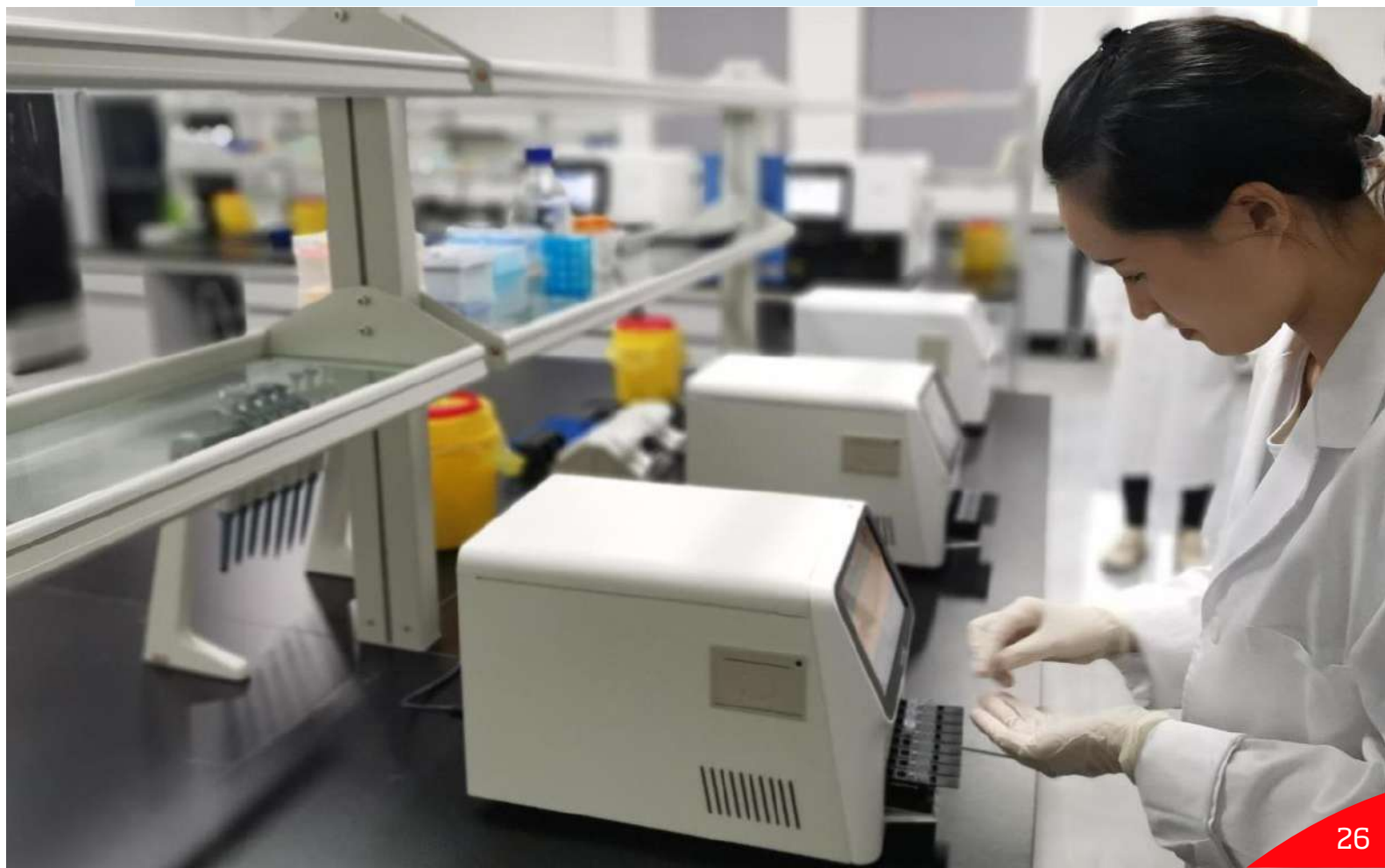
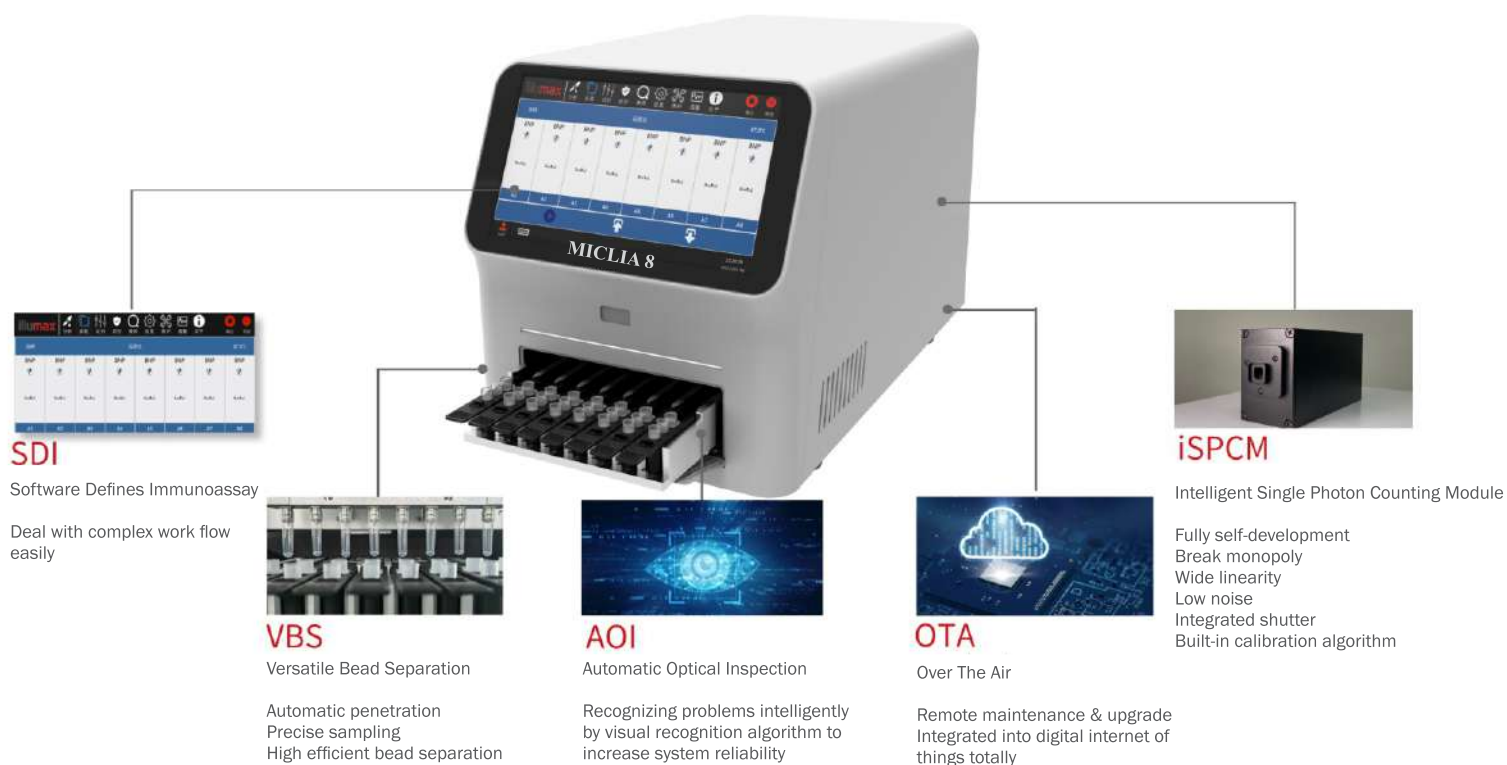
Category	Test Item	Specimen Type	Test Time	Linearity Range	Package
Thyroid	TSH	S/P	30 min.	0.02μIU/mL ~ 100.00μIU/mL	24 tests/kit
	TT3	S/P	30 min.	0.50 ng/mL ~ 10.00 ng/mL	24 tests/kit
	FT3	S/P	30 min.	1.00 pmol/L ~ 50.00 pmol/L	24 tests/kit
	TT4	S/P	30 min.	5.00 ng/mL ~ 250.00 ng/mL	24 tests/kit
	FT4	S/P	30 min.	2.00pmol/L ~ 100.00pmol/L	24 tests/kit
	Anti-TPO	S/P	30 min.	5IU/mL ~ 600.00 IU/mL	24 tests/kit
	TG	S/P	30 min.	0.04ng/mL ~ 500.00ng/mL	24 tests/kit
	Anti-TG	S/P	30 min.	5IU/mL ~ 1500.00 IU/mL	24 tests/kit
Tumor Markers	AFP	S/P	30 min.	0.50IU/mL ~ 1000.00IU/mL	24 tests/kit
	CEA	S/P	30 min.	0.20ng/mL ~ 1000.00ng/mL	24 tests/kit
	β2 MG	S/P	30 min.	15.00 ng/mL ~ 4000.00ng/mL	24 tests/kit
	CA15-3	S/P	30 min.	1.50U/mL ~ 300.00U/mL	24 tests/kit
	CA50	S	30 min.	2.00 U/mL ~ 500.00 U/mL	24 tests/kit
	CA125	S/P	30 min.	1.00U/mL ~ 5000.00U/mL	24 tests/kit
	CA72-4	S/P	30 min.	0.5 U/mL ~ 300.00 U/mL	24 tests/kit
	NSE	S	30 min.	0.10ng/mL ~ 370.00ng/mL	24 tests/kit
	β-HCG	S/P	30 min.	0.15ng/mL ~ 70.00ng/mL	24 tests/kit
	SCC	S/P	30 min.	0.15ng/mL ~ 70.00ng/mL	24 tests/kit
	CYFRA21-1	S/P	30 min.	0.15ng/mL ~ 500.00ng/mL	24 tests/kit
	PG I	S/P	30 min.	1.00 ng/mL ~ 200.00ng/mL	24 tests/kit
	PG II	S/P	30 min.	1.00 ng/mL ~ 100.00ng/mL	24 tests/kit
	HE4	S/P	30 min.	15.00 pmol/L ~ 1500.00 pmol/L	24 tests/kit
	proGRP	S/P	30 min.	5.00 pg/mL ~ 5000.00 pg/mL	24 tests/kit
	G17	S/P	30 min.	0.50 pmol/L ~ 500.00pmol/L	24 tests/kit
	Fer	S/P	30 min.	0.50 ng/mL ~ 2000.00 ng/mL	24 tests/kit
	PIVKA-II	S/P	30 min.	5.00 mAU/mL~3 000.00mAU/mL	24 tests/kit
	HER2	S	30 min.	0.50ng/mL~350.00ng/mL	24 tests/kit
	CA19-9	S/P	30 min.	1.00U/mL~1000.00U/mL	24 tests/kit
Glyco Metabolism	C-peptide	S/P	30 min.	0.10ng/mL~30.00ng/mL	24 tests/kit
	Insulin	S/P	30 min.	0.5μIU/mL~1000.00μIU/mL	24 tests/kit
Inflammation	PCT	S/P/WB	15 min.	0.025ng/mL ~ 100.000 ng/mL	24 tests/kit
	IL-6	S/P/WB	15 min.	2.00 pg/mL ~ 5000.00pg/mL	24 tests/kit



MICLIA 8

5 core technology

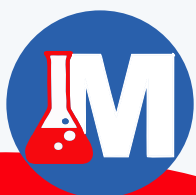
To be a leader of the single-test CLEIA POCT system



Infectious Disease Tests

Rapid Test Device

- Accurate
- Fast
- Easy



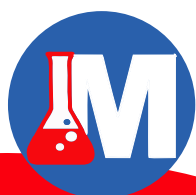
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Infectious Disease Tests

- Accurate
- Fast
- Easy

Product Description	Specimen	Format	Kit Size
Adenovirus Rapid Test Device	Feces	Device	25 T
Rotavirus Rapid Test Device	Feces	Device	25 T
Norovirus Rapid Test Device	Feces	Device	25 T
H. pylori Antibody Rapid Test Device	WB/S/P	Strip/Device	25 T,50 T
H. pylori Antigen Rapid Test Device	Feces	Strip/Device	25 T,50 T
Chikungunya IgG/IgM Rapid Test Device	WB/S/P	Device	25 T
Dengue IgG/IgM And NS1 Combo Rapid Test Device	WB/S/P	Device	25 T
Giardia Lambia Rapid Test Device	Feces	Device	25 T
Zika NS1 Rapid Test Device	WB/S/P	Device	10 T
Typhoid Rapid Test Device	WB/S/P	Device	25 T
Salmonella Typhi Antigen Rapid Test Device	Feces	Device	25 T
Leishmania IgG/IgM Rapid Test Device	WB/S/P	Device	25 T
Filariasis IgG/IgM Rapid Test Device	WB/S/P	Device	25 T
Malaria P.f./Pan Rapid Test Device	WB	Device	25 T
Malaria P.f./P.v. Rapid Test Device	WB	Device	25 T
Legionella Rapid Test Device	Urine	Device	25 T
Tuberculosis (TB) Rapid Test Device	WB/S/P	Strip/Device	25 T,50 T
HAV IgG/IgM Combo Rapid Test Device	S / P	Device	25 T
HBeAg Rapid Test Device	WB/S/P	Device	25 T
HBsAb Rapid Test Device	WB/S/P	Device	25 T
HBV Combo Rapid Test Device	S / P	Device	25 T
HCV Rapid Test Device	WB/S/P	Strip/Device	25 T,50 T
Syphilis Rapid Test Device	WB/S/P	Strip/Device	25 T,50 T
HBsAg and HCV Combo Rapid Test Device	S / P	Device	25 T
Strep A Rapid Test Device (Control Line in Red/Blue)	Throat Swab	Strip/Device	20 T
Influenza A+B Rapid Test Device	Swab	Device	20 T
Mycoplasma Pneumoniae IgG/IgM Combo Rapid Test Device	WB/S/P	Device	25 T
MONO Rapid Test Device	WB/S/P	Device	25 T



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EDAN i15 Blood Gas Analyzer



LAN/Wi-Fi connectivity

Build-in Printer and USB Storage



LAN



Wi Fi



USB



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P.O. Box 1530 -00200 Nairobi, Kenya

Garden Estate, Garden Court Rd, Nairobi

+254 787 990 990 +254 762 990 990 +254 728 563 440

Email: info@microbiology.co.ke Web: www.microbiology.co.ke



EDAN i15 Blood Gas Analyzer

Parameter	Reportable Range	Resolution	Measurement method
pH (pH units)	6.5-8.0	0.001	Potentiometric sensor
pO ₂ (mmHg)	10-700	0.1	Amperometric sensor
pCO ₂ (mmHg)	10-150	0.1	Potentiometric sensor
Na (mmol/L)	100-180	0.1	Potentiometric sensor
K (mmol/L)	2.0-9.0	0.01	Potentiometric sensor
Ca (mmol/L)	0.25-2.5	0.01	Potentiometric sensor
Cl (mmol/L)	65-140	0.1	Potentiometric sensor
Glu (mg/dL or mmol/L)	20-700/1.1-38.9	1/0.1	Amperometric sensor
Lac (mg/dL or mmol/L)	2.7-180.2/0.3-20	0.1/0.01	Amperometric sensor
Hct (%PCV or Fraction)	10-75 /0.10-0.75	1%/0.01	Conductance sensor

Specification

Throughput	Results in 1 minute after sample aspiration
Sample volume	140µl
Quality control	3 or 5 levels QC, External electronic simulator
Display	7-inch color LCD Display, 800*480
Interface	4 x USB 2.0 host, 1 x RS232, WLAN
Input device	Touch screen and barcode scanner
Power supply	100-240VAC, 50/60Hz
Battery	5000mAh rechargeable lithium-ion battery, 50 samples continuous testing
Dimensions (W*H*D)	238*153*310 mm
Weight	3.65 KG
Operation Environment	10 °C-31 °C; %RH: 25%-80%; 70 -106.6 KPa

Portable, lightweight

- Capable to run 50 samples with fully-charged battery
- Diagnose at the point of care, patient side, out in the field or exam room

Easy, Quick and Convenient

- Zero maintenance
- Minimize hands on time and training requirement
- Auto-sampling
- Report is ready within one minute after sample aspiration

Accurate and Reliable

- Innovative microchip liquid control technology and micro-sensor multifunction membrane technology
- High sensitivity and accuracy
- Calibrator, Control and Electronic simulator to TRIPLE guarantee the RESULTS!

Flexible Data Management

- Acquire patients information via barcode/QR code
- Up to 10,000 patient data storage
- 4 USB ports and LAN/WiFi for data management
- Optional data management software

Multi-parameter cartridge

- Multi popular time-sensitive parameters come in one cartridge, including ABG, electrolytes and metabolites
- Single-use cartridge avoids contamination
- Room temperature storage with long shelf-life



Portable and lightweight
Touch screen with built-in multimedia tutorials

i15 Quality Control System

Triple Guarantee the Result



Variety of test Cartridges

	pH	pCO ₂	pO ₂	Na	K	Cl	Ca	Hct	Glu	Lac
BG3	—	—	—	—	—	—	—	—	—	—
BG8	—	—	—	—	—	—	—	—	—	—
BG4	—	—	—	—	—	—	—	—	—	—
BG9	—	—	—	—	—	—	—	—	—	—
BG10	—	—	—	—	—	—	—	—	—	—
BC4	—	—	—	—	—	—	—	—	—	—

Calculated values: cH+, HCO₃-act, HCO₃-std, BE(ect), BE(B), BE(B), cICO₂, sO₂(est), Ca++(7-4), AnGap, tHb(est), pO₂(a-a), pO₂(a-A), RI, pO₂/FIO₂, cH+(T), pH(T), pCO₂(T), pO₂(A-a)(T), pO₂(a-A)(T), RI(T), pO₂(T)/FIO₂, mOsm

CareSens™ N

Premier

Blood Glucose Monitoring System

- 2.5" Large, Backlit Display
- Efficient Diabetes Management with Tagging Symbols
- Strip Ejector for Easy Ejection of Used Test Strips



Product specifications

Measurement range	20 – 600 mg/dL (1.1–33.3 mmol/L)
Sample size	Minimum 0.5 µL
Test time	5 seconds
Sample type	Fresh capillary whole blood
Calibration	Plasma-equivalent
Assay method	Electrochemical
Battery life	3,000 tests
Power	Two 3.0 V lithium batteries (disposable, type CR2032)
Memory	1,000 test results
Size	103 x 54 x 17 (mm)
Weight	70.9 g (with batteries)



Pre-Analyticals





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...Redefining Point of Care Testing...

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