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SST Lab Talk

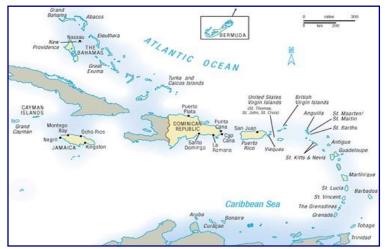
VOLUME 10, ISSUE 2

OCTOBER 202

Counting Down to CASMET!

It is hard to believe that my calendar says October 12th. That means CASMET is only 2 weeks away! SST is proud to be a Diamond Sponsor again for the BGM/CASMET 2023 meeting to be held in Barbados. We look forward to seeing everyone face-toface this year, so make sure to stop by our exhibition booth #8 to view our latest product offerings and so we can catch up (Page 2). In this edition of our newsletter, we will be focusing on the equipment and items we will be showcasing in our exhibit at CASMET. For our conventional lab customers, we will be showing the newly launched BC-760 Hematology Analyzer from Mindray. This new BC-760 unit allows a CBC + ESR to be run on the same sample in only 1.5 minutes and comes with the auto loader. Come check it out! (see Pages 3-5). With POC testing being added to hospitals and clinics, we have great offerings to help the POC labs provide a vast array of testing with confidence. We are excited to announce that we are now Boditech

distributors for the hema-



chroma Plus, ichroma II, and Afias product lines. We will have the ichroma II reader and the hemochroma Plus in our booth for you to review. The ichroma product line offers a great portfolio of immunoassay testing for any setting (see Pages 6-9). We will have the Getein I 100 Analyzer with new assays available in 2023 (see Pages 10-12).

For POC chemistry testing, we will have the MNCHIP M4 & M5 Analyzers for you to consider which makes sense for your lab (see Pages 13-14).

We will also have the TC-720+ Urinalysis Analyzer from TECO Diagnostics (see Pages 15-16).

And don't forget to include SchuyLab for your LIS to

help you keep up with the demanding needs as your lab continues to grow. Joe Gosser from CGM/SchuyLab will be exhibiting at the conference as well (see Page 17).

Dave Pearman from Helena, Lorraine Lindsay from Fisher, Irene Rodriguez from Mindray, and Andy La Torre from Boditech will be around our booth to discuss anything and everything possible in the medical laboratory world.

If you would like to schedule a meeting during the conference, please drop me an email at jerrya@sst-intl.com and let me know when you would like to meet.

See You In Barbados, Jerry S S T

NTERNATION A L

N

We are proud to be a Diamond Sponsor for the 2023 Scientific Symposium & BGM

Stop by and visit us at Booth #8!



The Caribbean Association of Medical Technologists

For Laboratory Professionals



American Medical Technologists

Scientific Symposium & Biennial General Meeting



October 22-26, 2023

Venue:

Hilton Barbados Resort

"Future Proofing the Laboratory:

DEVELOPING SUSTAINABLE SYSTEMS FOR LABORATORY EFFICIENCY"





Reserve your room



Hosted by: The Barbados Association of Medical Technologists

www.casmet.net



casmet53@gmail.com

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Mindray BC-700 series

SF-Cube / PLT-H & IPF/ CBC+ESR

BC-700 / BC-720 Open vial



DWH: 500 x 325 x 450 mm

BC-760/BC-780 Autoloader



DWH: 840 x 400 x 600 mm

BC-6D & SC-CAL PLUS can also apply to ESR QC & Calibration

41 reportable parameters * 68 research parameters * 7 + 11 Body Fluid parameters

Model		Configuration	n differences
Wodel		RET	ESR
BC-700	Open vial		•
BC-720	Open vial	•	•
BC-760	Autoloader		•
BC-780	Autoloader	•	•

Mode	Sample volume (Open vial)	Sample volume (Autoloader)	Throughput (T/H)
CD	23 ul	25 ul	80
CDR	29 ul	33 ul	45
ESR	140 ul	140 ul	80
CD+ESR	160 ul	160 ul	40
Body Fluid (CD)	85 ul	85 ul	50



Encryption key management



labXpert

Coming as standard configuration Same software as BC-6 series



Floating screen

Switching between different analysis modes with a single touch



Continuous autoloading

5 positions x 6 racks



Cap piercing STAT

Supports STAT samples and capillary blood samples; minimizes bio-safety hazards









Applicable to different sample types

Peripheral blood/Capillary blood Pre-diluted blood/Body fluid



abnormal and interfered samples



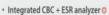
Superior functionality

Integrated CBC + ESR detection provides a comprehensive tool for inflammation detection Optical PLT-H ensures reliable PLT results even with interference



- SF Cube 3D fluorescent platform
 IMG/NRBC reportable parameters
 Accurate measurement of low WBC/PLT count
- Anti-aging capability:
 24h (room temperature)
- 48h (refrigerated transportation)





- Optical PLT-H in every CD test
 Integrated RET* & body fluid analyzer

Interactive excellence

Refined details for the optimal user experience



- iHelp videos 0
- Floating screen
 Ease of maintenance

BC-760 & BC-780

Auto Hematology Analyzer with ESR

Key Specifications

WBC (IMG/Neu/Mon/Lym/Eos/Bas), NRBC/RET*, PLT-H/PLT-O*/IPF: SF Cube ^ Cell Analysis Technology AS: Scatter; F: Fluorescence; Cube: 3D analysis

RBC, PLT

Focusing Flow-DC Impedance Method

HGB

Colorimetric method

Photometric method

Number of measuring parameters (whole blood): 109

Number of reportable parameters: 41

WBC Bas# Bas% Neu# Neu% Eos# Eos% Lym# Lym% Mon# Mon% IMG# IMG% RET%* RET#* RHE* IRF* LFR* MFR* HFR* RBC HGB MCV MCH MCHC RDW-CV RDW-SD HCT NRBC# NRBC% PLT PLT-I PLT-H PLT-O* MPV PDW PCT P-LCR P-LCC

Number of research parameters: 68*

Number of measuring parameters (body fluid): 18

Number of reportable parameters: 7

WBC-BF TC-BF# MN# MN% PMN# PMN% RBC-BF

Number of research parameters: 11

Sample volume

CD (whole blood): 25ul CD+ESR (whole blood): 160ul Predilute: 20ul

Data storage capacity

Up to 150,000 results including numeric and graphical information *

Throughput

CD 80t/h CDR 45t/h CD+ESR 40t/h

Analysis Mode

Sample Type	Analysis Mode
Whole blood	CBC, CBC + DIFF, CBC + DIFF+RET*, CD + ESR CDR + ESR*, CD/WBC-3X, CDR/PLT-SX*, and other modes
Predilute	CBC, CBC + DIFF, CDR ^N , and other modes
Body fluid	CBC + DIFF

Physical Specifications

Dimensions

840D x 655W x 600H mm

Weight

≤70.6Kg

Voltage

100V-240V~ (±10%)

Frequency

50Hz/60Hz (±1Hz)

Power input

600VA

External output

LANx1, USB x 4 (Specifications: DC 5V; 500mA; USB2.0 x 3; USB3.0 x 1)

Normal Operating Environment

Ambient temperature:

10℃~35℃

Relative humidity:

30% ~ 85%

Atmospheric pressure:

70.0kPa ~ 106.0kPa^

^Note : Required altitude for normal operation:

-400m ~ +3000m

Performance

Parameter	Linearity Range	Precision	Carryove
WBC	0-500×10°/L	≤2.5% (≥4.51×10°/L)	≤ 1.0%
RBC	0-8.60×1012/L	≤1.5% (≥3.5×10 ¹² /L)	≤ 1.0%
HGB	0-260g/L	≤1,0% (110-180g/L)	≤ 1.0%
HCT	0-75%	≤1.5% (30%-50%)	≤ 1.0%
PLT*	0-5000×10°/L	≤ 1.5(SD) (≤20×10°/L)^ ≤ 2.5% (≥100×10°/L)^	≤ 1.0%
RET*	0-0.8×10 ¹² /L	≤15% (RBC ≥ 3.00×10 ¹³ /L RET%: 1.00% ~ 4.00%)	≤ 1.0%
ESR		≤1.8(SD)(0~20mm/h)	≤ 1.096

Items marked with an aerisk (*) apply only to BC-780









Reliable Diagnosis of Patients on-the-Spot



Advanced Compact Immunofluorescence Analyzer

iCHROMA™ II



- High performance with reliability
- ▶ Small, compact & light
- ▶ Multi-test function
- ▶ LIS/HIS compatible











Specifications

- 276 x 220 x 91 mm
- 100 240V AC, 50-60Hz
- Battery (AA×4)

QC/Calibration

- · System check cartridge
- · Internal & external controls

Interface

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

Memory

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

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IIII.JB43070000 ILJZ30513,2P,IAo

ichroma™ Parameters

Category	Item	Sample type	Working range	Test time (min
	Tn-I	S/P	0,1-50.0 ng/mL	12
	Tn-I Neo	S/P	0.1-50.0 ng/mL	12
	Tn-I Plus	WB/S/P	0.01-15.00 ng/mL	12
	CK-MB	WB/S/P	3-100 ng/mL	12
	CK-MB Neo	WB/S/P	3-100 ng/mL	12
	D-Dimer	WB/P	50-10,000 ng/mL	12
	D-Dimer Neo	WB/P	50-10,000 ng/mL	12
	NT-proBNP	WB/S/P	10-30,000 pg/mL	12
Cardina	Myoglobin	WB/S/P	5-500 ng/mL	12
Cardiac	Myoglobin Neo	WB/S/P	5-500 ng/mL	12
	hsCRP	WB/S/P	0.1-10.0 mg/L	3
	110010	110/0/1		
	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/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
	PSA PSA	The state of the s	S/P: 0.1-100.0 ng/mL (WB: 0.5-100.0 ng/mL)	15
		WB/S/P		
	AFP	WB/S/P	5-350 ng/mL	15
	AFP Neo	WB/S/P	5-350 ng/mL	15
Cancer	CEA	S/P	1-500 ng/mL	12
	CEA Neo	WB/S/P	1-500 ng/mL	15
	iFOB Neo	Feces	25-1,000 ng/mL	10
	Cyfra 21-1	S/P	1-500 ng/mL	12
	CA 19-9	S/P	8-1000 U/mL	12
	HbA1c	WB	(NGSP) 4-15 %	12
-	HbA1c Neo	WB	(NGSP) 4-15 %	12
Diabetes	Microalbumin	Urine	2-300 mg/L	12
	Cystatin C	S/P	0.1-7.5 mg/L	10
	TSH	S/P	0.1-100.0 µIU/mL	12
		WB/S/P	0.1-100.0 pi0/mL 0.1-50 piU/mL	12
	TSH Plus			16
	T3	S/P	0.5-5.0 ng/mL (0.77-7.7 nmol/L)	
	T4	S/P	10.23-300.00 nmol/L	16
	Free T4	WB/S/P	1-100 pmol/L	12
	FSH	S/P	1-100 mIU/mL	15
Hormone	Progesterone	S/P	4.45-127.20 nmol/L	15
Hormone	Total βhCG	WB/S/P	5-50,000 mIU/mL	15
	β-HCG Plus	WB/S/P	2-5,000 mIU/mL	12
	LH	S/P	1-100 mIU/mL	15
	PRL	S/P	1-100 ng/mL	10
	Testosterone	S/P	1-10 ng/mL	15
	Cortisol	WB/S/P	50-800 nmol/L	10
	AMH	S/P	0.02-15 ng/mL	12
		NS NS		12
	COVID-19 Ag		qualitative	10
	COVID-19 Ab	WB/S/P	qualitative	
	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
	hsCRP All in one	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
	PCT Plus G	WB/S/P	0.02-50 ng/mL	12
	IL-6	WB/S/P	2-2,500 pg/mL	12
	A50	S/P	25-800 IU/mL	12
		- Control Control		
	Dengue NS1 Ag	WB/S/P	qualitative	12
	Dengue IgG/IgM	WB/S/P	qualitative	12
Information .	HBsAg*	WB/S/P	qualitative	12
Infection	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
	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 IGRA-TB 25	Throat swab	qualitative	10
		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
	RF IgM	WB/S/P	8-200 IU/mL	5
Autoimmune	Anti-CCP Plus	WB/S/P	3.5-300 U/mL (Semi-quantitative)	12
	Total IgE	WB/S/P	1-1,000 IU/mL	12
Liver function	AST	S/P	10-1,000 U/L	15
Liver function	Ferritin	S/P	10-1,000 d/L 10-1,000 ng/mL	10
	Vitamin D Neo	WB/S/P	5-100 ng/mL	12
ther test items	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

^{*} No CE mark



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Tel: +82-33-243-1400, Fax: +82-33-243-9373

sales@boditech.co.kr/www.boditech.co.kr

hemochromo PLUS

- · Results in 3 seconds
- · Cyanide-free cuvette
- · Capillary or tube blood
- Battery or power from USB
- Test instructions in color LCD
- · Long open-stability





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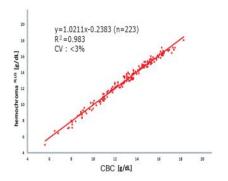
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> Specifications

Specification	Value
Principle	Spectrophotometry
Sample	Whole blood
Sample volume	12 – 15 uL
Detection range	0.5 - 27 g/dL
Reading time	Approx. 3 sec.
Data storage	1,000 results
Power	4 x AA batteries or power from USE
Dimensions	106 x 151 x 39 mm
Weight	215 g
Calibration	Calibration information in ID chip

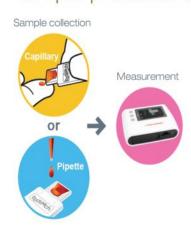
> Performance



> Applications

- · Screening anemia
- Blood banks
- Transfusion centers
- Mother and child health centers
- Dialysis centers

> Simple procedure



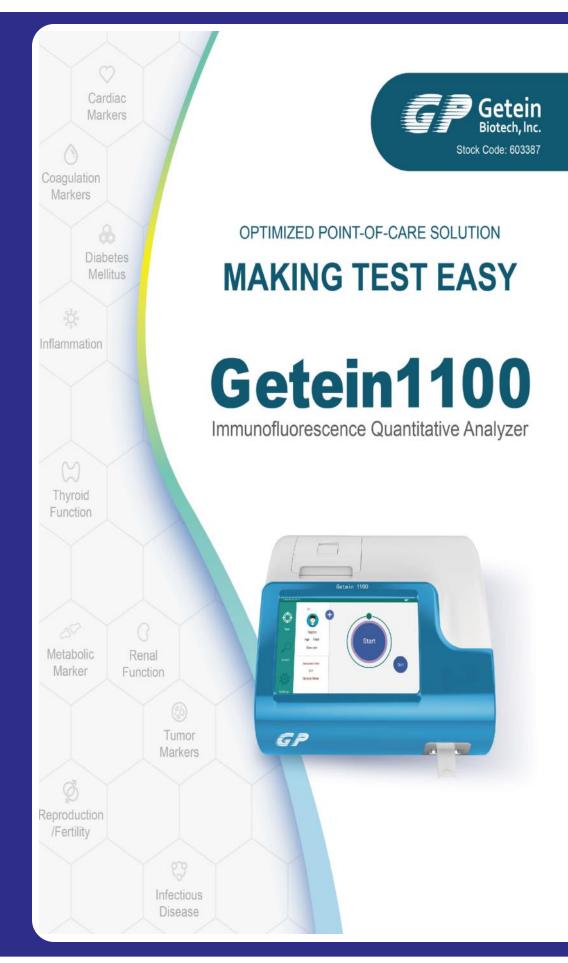
> Ordering information

Product	Cat#	Unit
hemochroma PLUS	FPRR016	1 set
Microcuvette	CFPO-27	50 ea/bottle, 4 bottles/box
hemochroma PLUS Control	CFPO-30	1 vial
hemochroma PLUS Calibrator	CFPO-35	1 set

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TEST ITEMS

Cat.#	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFI	CATIC
Cardia	ac Markers								
IF1001	cTnI	Myocardial infarction	0.10 ng/mL	S/P/WB	0.10-50,00 ng/mL	100 μL	10 min	NMPA	C€
IF1098	TnT	Myocardial infarction	14.0 pg/mL	S/P/WB	10.0-10000.0 pg/ml	. 100 µL	15 min	NMPA	C€
IF1089	BNP	Heart failure	100.0 pg/mL	P/WB	5.0-5000.0 pg/mL	100 μL	10 min	NMPA	C€
IF1002	NT-proBNP	Heart failure	300 pg/mL	S/P/WB	100-35000 pg/mL	100 μL	10 min	NMPA	(€
IF1005	CK-MB/cTnl/Myo	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnl: 0.10 ng/mL Myo: 70.0 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 30.0-600.0 ng/mL	100 μL	10 min	NMPA	C€
IF1012	CK-MB/cTnI	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnl: 0.10 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL	100 μL	10 min	C	ξ
IF1014	H-FABP	Myocardial damage	6.36 ng/mL	S/P/WB	1.00-120.00 ng/mL	100 µL	3 min	NMPA	(6
IF1016	CK-MB/cTnl/H-FABP	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnl: 0.10 ng/mL H-FABP: 6.36 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 2.00-100.00 ng/mL	100 µL	10 min	NMPA	Œ
IF1018	CK-MB	Myocardial injury	5.00 ng/mL	S/P/WB	2.50-80.00 ng/mL	100 µL	10 min	C	ξ
IF1078	ST2	Heart failure	35.0 ng/mL	S/P/WB	3.1-200.0 ng/mL	100 μL	10 min	C	ξ
Coagi	ulation Markers								
IF1006	D-Dimer	Venous thromboembolism	0.50 mg/L	P/WB	0.10-10.00 mg/L	100 µL	10 min	NMPA	Œ
Inflam	nmation								
IF1003	hs-CRP+CRP	Cardiovascular inflammation /normal inflammation	3.0 mg/L 10.0 mg/L	S/P/WB/ Fingertip blood	0.5-200.0 mg/L	10 μL	3 min	NMPA	C€
IF1007	PCT	Sepsis, bacterial infection	0.10 ng/mL	S/P/WB	0.05-50.00 ng/mL	100 µL	15 min	NMPA	Œ
IF1015	PCT/CRP	Sepsis, bacterial infection	PCT: 0.10 ng/mL CRP: 3.0 mg/L	S/P/WB	0.10-50.00 ng/mL 0.5-200.0 mg/L	100 μL	15 min	NMPA	CE
IF1044	SAA	Bacterial/Virus infection	10.0 mg/L	S/P/WB/ Fingertip blood	5.0-200.0 mg/L	10 μL	5 min	NMPA	Çξ
IF1090	SAA/CRP	Neonatal sepsis, Bacterial/virus infection	SAA: 10.0 mg/L CRP: 10.0 mg/L	S/P/WB/ Peripheral blood	5.0-200.0 mg/L 0.5-200.0 mg/L	10 μL	5 min	NMPA	CE
IF1088	IL-6	Acute inflammation	7.0 pg/mL	S/P/WB/ Peripheral blood	1.5-4000.0 pg/mL	100 μL	15 min	C	ξ
Renal	Function								
IF1008	CysC	Acute and chronic renal diseases	0.51-1.09 mg/L	S/P/WB	0.50-10.00 mg/L	10 μL	3 min	NMPA	CE
IF1009	mAlb	Diabetic nephropathy, hypertensive nephropathy	20.0 mg/L	Urine	10.0-200.0 mg/L	100 μL	3 min	NMPA	C€
IF1010	NGAL	Acute kidney injury	Serum: 200.0 ng/mL Urine: 100.0 ng/mL	S/Urine	50.0-5000.0 ng/mL	10 μL	10 min	NMPA	Œ
IF1011	$\beta_{2}\text{-MG}$	Acute and chronic kidney diseases/tumours	0.80-3.00 mg/L	S/P/WB	0.50-20.00 mg/L	10 μL	3 min	NMPA	Œ
Diabe	tes Mellitus								
IF1017	HbA1c	Diabetes mellitus	3.80%-5,80%	WB	2.00%-14.00%	10 μL	5 min	NGSP I	
Metab	polic Marker								
IF1031	25-OH-VD	Osteomalacia, osteoporosis	30.00-50.00 ng/mL	S/P	8.00-70.00 ng/mL	200 μL	15 min	NMPA	CE
Thyro	id Function								
IF1024	TSH	Thyroid malfunction	0.27-4.20 µIU/mL	S/P	0.10-50.00 μIU/mL	100 μL	15 min	NMPA	Œ
IF1022	Т3	Hyperthyroidism, hypothyroidism	1.30-3.10 nmol/L	S/P	0.30-10.00 nmol/L	40 μL	15 min	C	ξ
IF1023	T4	Hyperthyroidism, hypothyroidism	59.00-154.00 nmol/L	S/P	5.40-320.00 nmol/L	40 μL	15 min	C	ξ
IF1067	fT3	Hyperthyroidism, hypothyroidism	3.10-6.80 pmol/L	S/P/WB	0.40-50.00 pmol/L	40 μL	15 min	C	ξ
IF1068	fT4	Hyperthyroidism, hypothyroidism	12.00-22.00 pmol/L	S/P/WB	0.30-100.00 pmol/L	40 µL	15 min	C	ξ

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POCT Leading Brand



Stock Code 603387

Getein 1160 V.S. Getein 1100

Getein 1100 and Getein 1160 are two rapid, compact, user-friendly, multi-item Immunofluorescence Quantitative Analyzers designed for point-of-care testing. With flexible configurations and fast testing results, these two models can easily satisfy the clinical needs of the clinic, ICU, ER or Ambulance.



Similarities

Test Items: 56 Test Time: 3-15 min Operation System: Android **Built-in Printer:** √





Getein 1160 —	Items —	— Getein 1100
4+1	Test Channel	1
√	Temperature Control	×
√	Lyophilized Bead Technology	×
55 T/H	Test Speed	10 T/H (Inside mode)
√	Quality Control System	×
√	Auto Cartridge Collection	×
100,000	Case Memory	10,000
10.1-inch	Touch Screen	7-inch
\checkmark	External Printer Connectivity	×
4 kg	Weight	2 kg
299 mm x 276 mm x 152 mm	Dimensions	261 mm x 241 mm x 115 mm



EASY TO USE

Fully automated system - no special operating skills required

- 4.3 inch capacitive touch screen
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- LIS compatible, no need to manually enter patient information.
- Results could be printed through a thermal printer (optional), an office printer or through data management platform (MDMP).
- Ability to print reports with your practice logo by installing the MNCHIP medical data management platform.

QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7 minutes







2. Insert disc



3. Read results

PRECISE MEASUREMENTS

Advanced technology ensures precise results

- Microfluidic discs with pre-installed reagent beads ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system, and a multiple-wavelength detector.
- Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer).

Specifications

Sample Type	Whole blood, Plasma, Serum	Parameters	Up to 19 parameters in one test, 34 parameters configured into 13 profiles
Sample Size	100μL	Reagent Disc	Disposable, prepackaged with self-contained lyophilized reagent
Time to Results	About 7-10minutes	Calibration	Automatic self-calibration by scanning QR Code on the aluminium foil pouch
User Interface	Full-color touch screen	Quality Control	Built-in Realtime Quality Control(RQC) system
Reaction Temperature	37°C±0.2°C	Connection Interfaces	WLAN, USB, Ethernet interface, compatible with HIS
Power Requirement	AC 100V-240V, 50-60HZ	Print Mode	Optional external thermal printer, office printer, MDMP, HIS
Dimensions	210(L)×125(W)×175(H)mm	Data Capacity	More than 50,000 test results and quality control date
Weight	2.5kg	Operation Environment	Temperature 10-30°C, Humidity 40-85%





Capacitive Touch Screen



Xenon light source Microfluidic Reagent Rotor Sample-to-answer in 3 simple steps

and approximately 7 minutes

Clinical Chemistry+ - Celercare® cM5 On-site Blood Chemistry Analyzer

EASY TO USE

Fully automated system - no special operating skills required

- 8.0 inch capacitive touch screen, more friendly interface.
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office printer or through data management platform (MDMP).

QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7 minutes







1. Add sample

2. Insert disc

3. Read results

ACCURATE AND RELIABLE

Advanced technology ensures precise results

- Microfluidics discs with pre-installed reagent pellets ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system, and a multiple-wavelength detector.
- Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer).

Specifications

Sample Type Whole blood, Plasma, Serum Parameters Up to 19 parameters in one test, 34 parameters configured into 13 profiles Sample Size 100µL Reagent Disc Disposable, prepackaged with self-contained lyophilized reagent Time to Results About 7-10minutes Calibration Automatic self-calibration by scanning QR Code on the aluminium foil pouch User Interface Full-color touch screen Quality Control Built-in Realtime Quality Control(RQC) system Reaction Temperature 37°C±0.2°C Connection Interfaces WLAN, USB, Ethernet interface, RS232 Serial Interface, compatible with HIS AC 100V-240V, 50-60HZ Power Requirement Print Mode Optional external thermal printer, office printer, MDMP, HIS 255(L)×230(W)×330(H)mm More than 50,000 test results and quality control date Data Capacity Weight 5.5kg Operation Environment Temperature 10-30°C, Humidity 40-85%



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INTERNATION A L

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| TC-720+

Urine Analyzer

For over 30 years, Teco Diagnostics has been an industry leader in the manufacturing of in-vitro clinical diagnostic tests and instruments. From powder to liquid clinical chemistry, we have high quality solutions for your diagnostic needs. Based in Anaheim, CA, our manufacturing facility is FDA regulated, and thus all phases of our production processes are based on strict Current Good Manufacturing Practices (cGMP) regulations which safeguard the excellent quality of all our products.



FDA Registered and cGMP Compliant Manufacturer ISO 13485.2016 Certified SA8000 Certified I CE





TC-720+

Urine Analyzer

Test Principle

Reflectance photometry



Parameters Detected

Urine Occult Blood (BLD), Leucocytes (LEU), Specific Gravity (SG), (pH), Protein (PRO), Urobilinogen (URO), Bilirubin (BIL), Ketones (KET), Glucose (GLU), Nitrite (NIT), Ascorbic Acid (VC).

Microalbumin/Creatinine (ACR) reportable.



Features

- · High throughput up to 514 tests/hour
- Automatic correction on the influence of non-specificity, pH, SG and color on the test results
- . LCD touch screen with user-friendly interface
- · Automatic collection of used test strips
- Built-in low noise thermal printer, External printer connectable
- Automatic results saving and uploading function available
- With power-on self-checking and automatic fault reporting system.Automatic error warning system.LCD Touch Screen
- NMPA approved original quality control materials available



Specifications

Throughput ≤514 tests/hour

Test Strips URS-2MP, URS-10 and URS-11 (optional)

Repeatability Test result CV ≤1%

Accuracy The difference between test results and

target values is no more than one level; no false negative result when tested with positive reference solution and no false positive result when tested with negative

reference solution

Stability Test result CV ≤1% with power on of 8

hours

Printing built-in thermal printers, external printer

(optional)

Storage ≥100000 test results

Relative Humidity 30% - 80%

Working Temperature 5-40°C (41- 104°F)

Working Voltage AC 100-240V, 50Hz

Power 100-240V-50/60Hz, 250VA

Dimensions 380*320*190mm

Weight 4.5kg







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SchuyLab



Laboratory Information System

Take Control of Your Laboratory

Affordable LIS Solution

SchuyLab is a full-featured LIS that is simple and easy to use, yet affordable.

Adaptable To Your Needs

SchuyLab flexible format allows more user defined options, and is scalable to your laboratories needs.

Improve Workflow Efficiency

Simplified specimen handling, test or ordering and resulting streamlines your lab's daily operations.

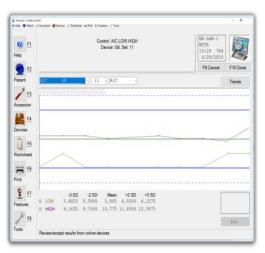
Industry Leading Support

Experienced and dedicated support specialists available 24/7 to ensure prompt friendly support when you need it.

Modern Result Delivery Methods

SchuyLab provides efficient and automatic result delivery methods: System Interfaces, SchuyNet and Patient Portal.





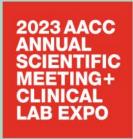
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