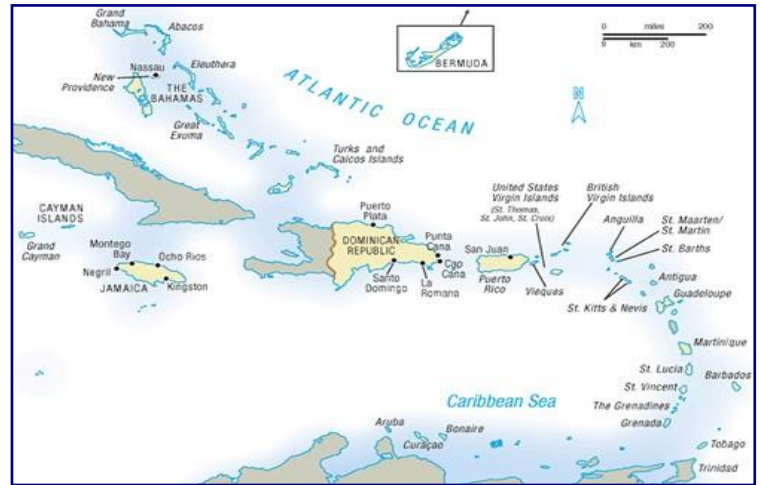


Are We Back To Normal?

As I have been traveling this year, the question I get asked the most is “Do I think we are back to normal?” I guess that depends on your view of normal, Lol! For what it is worth, here are some of my observations. On the traveling side, airplanes, hotels, and restaurants are pretty full every where I have gone. On the business side, new labs are opening up all over the Caribbean. And existing labs are expanding their testing and upgrading their equipment. So I would say, yes, we are getting back to normal, but hopefully we have all learned to be vigilant and safe in doing do so in order not to have a repeat of the past. In this edition of our newsletter, we are continuing with the newly launched BC-700 Series Hematology Analyzers from Mindray. These new units allow a CBC + ESR to be run on the same sample in only 1.5 minutes. There are four (4) models of the 700 series, two open vial models and two auto loader models with one of each model also having the ability to perform Retics. So whatever your need is, we have a BC-700 model for you (see



Pages 2 & 3).

We have two new product lines that we are introducing in this edition of our newsletter.

The first is the Euromex Microscope line from Holland. These are high quality made microscopes for education, life sciences, and industry. Let us help find the right fit for your needs (see Pages 4-5).

The second is the Urea Breath Test System from Celis Biotech. This UBT uses a sample of exhausted breath to determine ongoing active H. Pylori infection (see Pages 6-7).

We have the Getein 1100 Analyzer with new assays available in 2023 (see Pages 8-10).

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 (see Page 11).

Lastly, we are excited to be a Diamond Sponsor again for BGM/CASMET 2023 meeting to be held in October on the gorgeous island of Barbados. We look forward to seeing everyone face-to-face this year, so make sure to stop by our exhibition booth to view our latest product offerings and so we can catch up (Page 12).

You can always visit us at www.sst-intl.com to obtain current information, news, updates, and product brochures.

Warmest Regards,
Jerry

INSIDE THIS ISSUE:

Welcome	1
Mindray	2-3
Euromex	4-5
Celis Biotech	6-7
Getein	8-10
SchuyLab	11
BGM 2023	12
Events	13

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 differences	
		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



RFID

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



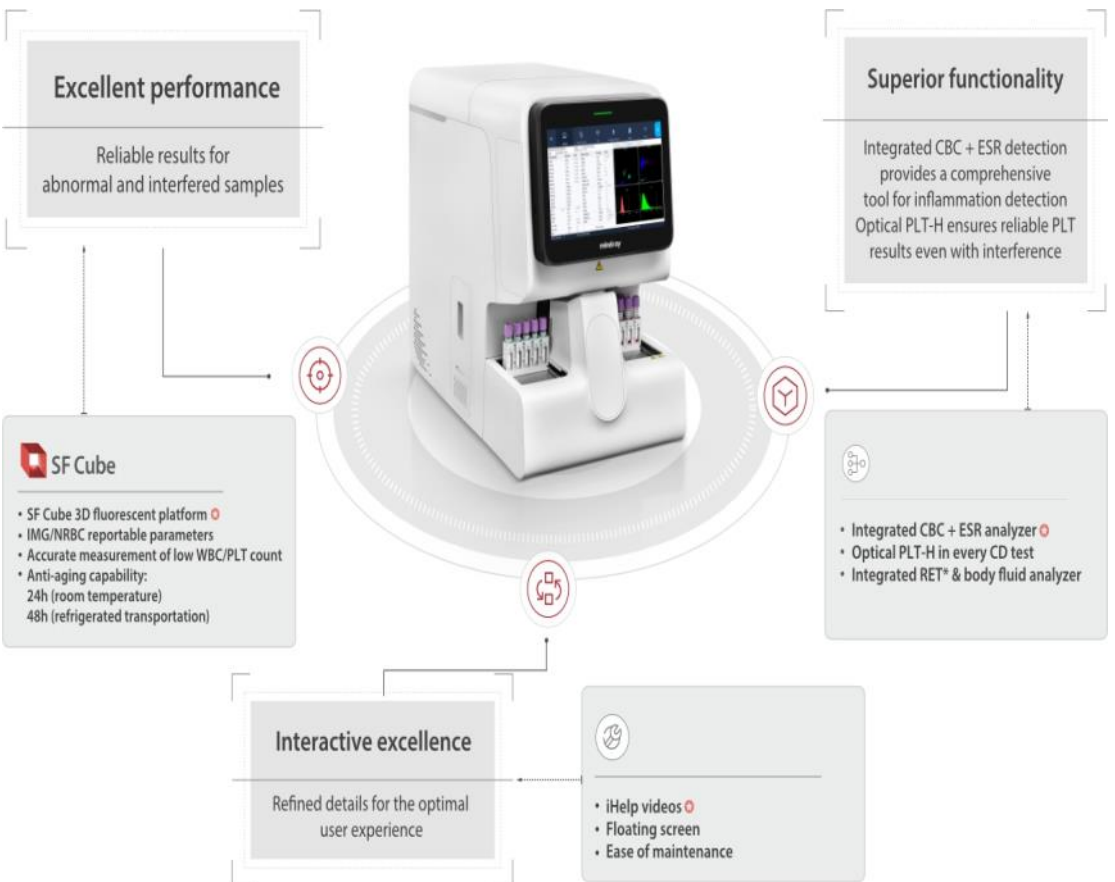
Cap piercing STAT

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



bScope

HIGHLIGHTS

- Medical device class I – EU MDR 2017-745
- Provided with APL (Anti-bacterial Protection Layer)
- Microscopes for research and laboratories
- Monocular, binocular and trinocular models
- Digital models available
- HWF 10x/20 mm eyepieces
- Reversed ball-bearing quadruple or quintuple nosepiece with slot for polarization filter
- E-plan, Plan, E-plan IOS and Plan IOS objectives
- E-plan Phase, E-plan Phase IOS, Plan Phase IOS objectives
- Rackless integrated X-Y mechanical stage
- 3 W NeoLED™ adjustable illumination system
- Integrated carrying grip
- Cable Storage System
- 10 Years warranty

TECHNICAL SPECIFICATIONS

EYEPIECE(S)

High wide field HWF 10x/20 mm secured eyepiece(s) with 20 mm field of view.
The eyepiece of monocular models is supplied with pointer

HEAD

- The bScope is available with a monocular head (45° inclined Ø 23.2 mm tube) or with a Siedentopf type head, 360° rotatable, with 30° inclined Ø 23.2 mm tubes
- Binocular and trinocular models are equipped with a diopter ± 5 adjustment on left eyepiece
- The interpupillary distance is adjustable between 48 to 76 mm
- The models equipped with plan infinity corrected PLI objectives have a unique swiveling system of the eyepiece tubes for ergonomic positioning of both tubes in a high (431 mm) and in a low position (377 mm)
- The trinocular head comes with a Ø 23.2 mm tube, ensuring a maximum of flexibility and has a fixed light path beam splitter (20:80) and generates an erect image
- Models with an integrated USB-2.0 camera are supplied with a 5.0 MP 1/2.5" CMOS sensor with a resolution of 2592 x 1944 pixels (see page 4)

NOSEPIECE

Revolving and reversed ball-bearing quadruple or quintuple nosepiece

OBJECTIVES - 45 MM PARFOCAL

The state-of-the-art production techniques and multi layer coatings used for the manufacturing of the bScope objectives enable the bScope to be used for the most demanding applications. World class spherical aberration correction and modern CNC and assembly technology ensure the perfect centering of the objectives



MONOCULAR MODEL BS.1151-XXX	385 (h) x 195 (w) x 235 (d) 6.3 kg
BINOCULAR MODEL BS.1152-XXX	409 (h) x 195 (w) x 235 (d) 6.5 kg
TRINOCULAR MODEL BS.1153-XXX	459 (h) x 195 (w) x 235 (d) 6.6 kg

- Brightfield models: E-Plan, Plan, E-plan IOS infinity corrected, Plan IOS infinity corrected 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S60x/0.85 and S100x/1.25 oil immersion objectives
- Phase contrast models: E-plan Phase, E-plan Phase IOS infinity corrected, Plan Phase IOS infinity corrected 10x/0.25, 20x/0.40, S40x/0.65 and S100x/1.25 oil immersion objectives
- Darkfield model: E-plan 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S60x/0.85 objectives. The S100x/1.25 oil immersion objective has a built-in iris diaphragm

All S40x, S60x and S100x oil immersion objectives are spring loaded. All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

FOCUSING

Double coaxial, low-positioned coarse and fine adjustments with 180 graduations. Precision 1.11 µm, 200 µm per rotation, total travel range approximately 19 mm. Supplied with an adjustable rack stop to prevent damage to sample and objectives. The coarse adjustment is equipped with friction control

iScope®

HIGHLIGHTS

- Medical device class I – EU MDR 2017-745
- Provided with APL (Antimicrobial Protection Layer)
- EWF 10x/22 mm and EWF 10x/20 mm eyepieces
- Binocular and trinocular models
- Multihead and face-to-face dual head systems
- Optional tilting head
- Quintuple reversed nosepiece
- Plan, phase and darkfield illumination
- 187/230 x 140 mm rackless stage
- 3 W NeoLED™ Köhler illumination
- iCare sensor for energy saving
- 10 years warranty

SPECIFICATIONS

EYEPIECES

- Extended plan wide field EWF 10x/20 mm eyepieces with 20 mm field of view and adjustable diopter on the left eyepiece for finity corrected systems (Ø 23.2 mm tube. Tube length 160 mm)
- Extended plan wide field EWF 10x/22 mm eyepieces with 22 mm field of view and adjustable diopter on both eyepieces for infinity corrected IOS plan and plan phase systems and adjustable diopter on the left tube for EPLI systems (Ø 30 mm tube. Tube length 200 mm)

HEAD

- Binocular and trinocular Siedentopf type heads with 30° inclined tubes. Interpupillary distance from 48 to 76 mm.
- The trinocular head of the Plan infinity corrected models (IS.1153-PLI) has an optical path selector (100:0 / 50:50) and ± 5 diopter adjustments on both Ø 30 mm tubes
- The trinocular head of the E-Plan infinity corrected models (IS.1153-EPLI) has a fixed built-in beamsplitter (50:50) and ± 5 diopter adjustment on the Ø 30 mm left tube
- The trinocular head of the E-plan finite models (IS.1153-EPL) has a fixed built-in 50:50 beamsplitter and one ± 5 diopter adjustment on the Ø 23.2 mm left tube
- A unique rotating system allows the ergonomic positioning of both tubes in a high (431 mm) and in a low position (397 mm)
- The trinocular head comes with a Ø 23.2 mm photo port

ERGONOMIC TILTING HEAD

Optional ergonomic 5 to 35° tilting head supplied with EWF 10x/22 mm eyepieces, interpupillary distance 48-75 mm and optional photo attachment with standard Ø 23.2 mm tube (only infinity corrected models)

To order an iScope® with tilting head use reference IS.1158-xxx

To order an iScope® with tilting head and photo tube attachment use reference IS.1159-xxx



IS.1152-PLI ●

IS.1152-PLI

408 (h) x 210 (w) x 255 (d) mm | 9.0 kg

FACE-TO-FACE HEADS

- The iScope® can be supplied with two heads in a face-to-face configuration allowing simultaneous observation by two operators
- The 30 mm diameter tubes of the head are equipped with EWF 10x/20 mm eyepieces
- The main binocular head has one diopter adjustment, the second head has two adjustments
- Only available for the model with plan infinity corrected objectives (IS.1154-PLI/T)
- The face-to-face head is equipped with a 2-color laser pointer

MULTIHEAD SYSTEM

- The iScope® can be extended with a unique multihead system for in total two, three or five heads, allowing simultaneous observation of specimens.
- The central attachment is equipped with a joystick to move a green and red laser pointer across the entire field of view of all heads
- Configurations with one, two or four additional viewing binocular heads, 30° inclined tubes and plan 4x, 10x, S40x, S100x oil immersion infinity corrected IOS objectives
- Each extra viewing binocular head is equipped with extended wide field plan EWF 10x/22 mm eyepieces

(references: IS.1156-PLI-x, x = total number of heads)



Celis Urea breath Test System (SUBT-D1)



Reliable and smart

Sensitivity: 95%+
Specificity: 95%+
Plug and play intelligent system



Simple installation and maintenance

Automatically background calibration for first-time installation
One button maintenance once a month



**Portable design with
User friendly software**

Technical information

Parameters	Specification
Operating temperature	5°C ~ 40°C
Working humidity	≤75%
Working Atmospheric Pressure	86kPa ~ 106kPa
Warm-up time	> 41 minutes
Storage and transportation temperature	-10°C ~ 50°C
Storage humidity	≤75%

Count for 14C background	≤45CPM
Detection efficiency for 14C standard sources	≥15%
14C Relative change error of detection efficiency	≤25%
Power supply	AC 220V, 50Hz
Power consumption	40 VA
Fuse	250V 2.5A Φ5*20, 2pcs
Maximum size	350mm×290mm×250mm (L×W×H)
Maximum weight	Less than 25 kg
Classification	Class II, Class 2 pollution level equipment
Housing material	ABS plastic

Celis Biotech is a global medical device innovator specializing in Helicobacter pylori breath test of the gastrointestinal system.

Through our world-class talent and out-of-the-box thinking, we strive to empower physicians and patients by developing innovative technologies, which provide superior clinical outcomes and improve patient quality of life.



OPTIMIZED POINT-OF-CARE SOLUTION
MAKING TEST EASY

Getein1100

Immunofluorescence Quantitative Analyzer



TEST ITEMS

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
Cardiac Markers								
IF1001	cTnI	Myocardial infarction	0.10 ng/mL	S/P/WB	0.10-50.00 ng/mL	100 µL	10 min	NMPA CE
IF1098	TnT	Myocardial infarction	14.0 pg/mL	S/P/WB	10.0-10000.0 pg/mL	100 µL	15 min	NMPA CE
IF1089	BNP	Heart failure	100.0 pg/mL	P/WB	5.0-5000.0 pg/mL	100 µL	10 min	NMPA CE
IF1002	NT-proBNP	Heart failure	300 pg/mL	S/P/WB	100-35000 pg/mL	100 µL	10 min	NMPA CE
IF1005	CK-MB/cTnI/Myo	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 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 CE
IF1012	CK-MB/cTnI	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL	100 µL	10 min	CE
IF1014	H-FABP	Myocardial damage	6.36 ng/mL	S/P/WB	1.00-120.00 ng/mL	100 µL	3 min	NMPA CE
IF1016	CK-MB/cTnI/H-FABP	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 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 CE
IF1018	CK-MB	Myocardial injury	5.00 ng/mL	S/P/WB	2.50-80.00 ng/mL	100 µL	10 min	CE
IF1078	ST2	Heart failure	35.0 ng/mL	S/P/WB	3.1-200.0 ng/mL	100 µL	10 min	CE
Coagulation Markers								
IF1006	D-Dimer	Venous thromboembolism	0.50 mg/L	P/WB	0.10-10.00 mg/L	100 µL	10 min	NMPA CE
Inflammation								
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 CE
IF1007	PCT	Sepsis, bacterial infection	0.10 ng/mL	S/P/WB	0.05-50.00 ng/mL	100 µL	15 min	NMPA CE
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 CE
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	CE
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 CE
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 CE
IF1011	β ₂ -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 CE
Diabetes Mellitus								
IF1017	HbA1c	Diabetes mellitus	3.80%-5.80%	WB	2.00%-14.00%	10 µL	5 min	NGSP NMPA IFCC CE
Metabolic 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
Thyroid Function								
IF1024	TSH	Thyroid malfunction	0.27-4.20 µIU/mL	S/P	0.10-50.00 µIU/mL	100 µL	15 min	NMPA CE
IF1022	T3	Hyperthyroidism, hypothyroidism	1.30-3.10 nmol/L	S/P	0.30-10.00 nmol/L	40 µL	15 min	CE
IF1023	T4	Hyperthyroidism, hypothyroidism	59.00-154.00 nmol/L	S/P	5.40-320.00 nmol/L	40 µL	15 min	CE
IF1067	fT3	Hyperthyroidism, hypothyroidism	3.10-6.80 pmol/L	S/P/WB	0.40-50.00 pmol/L	40 µL	15 min	CE
IF1068	fT4	Hyperthyroidism, hypothyroidism	12.00-22.00 pmol/L	S/P/WB	0.30-100.00 pmol/L	40 µL	15 min	CE

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
Reproduction/Fertility								
IF1013	HCG+β	Fertility	5.1 mIU/mL	S/P	5.0-100000.0 mIU/mL	100 μL	10 min	NMPA ☑☑
IF1055	LH	PCOS, infertility evaluation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 μL	15 min	NMPA ☑☑
IF1056	FSH	PCOS, infertility evaluation and pituitary disorders	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 μL	15 min	☑☑
IF1066	AMH	Fertility, PCOS, gonadal function, precocious/late puberty	Refer to User Manual	S/P	0.10-20.00 ng/mL	200 μL	15 min	☑☑
IF1048	PRL	Infertility, gonadal disorders	Refer to User Manual	S/P	0.50-200.00 ng/mL	100 μL	15 min	☑☑
IF1071	Prog	Infertility, evaluation of ovulation	Refer to User Manual	S/P	0.10-40.00 ng/mL	100 μL	15 min	☑☑
Tumor Markers								
IF1053	tPSA	Prostate cancer	4.00 ng/mL	S/P	0.50-100.00 ng/mL	100 μL	15 min	
IF1072	fPSA	Prostate cancer	1.00 ng/mL	S/P	0.05-30.00 ng/mL	100 μL	10 min	
IF1050	AFP	Liver cancer, cancer of ovaries or testicles, etc.	7.0 ng/mL	S/P	2.0-500.0 ng/mL	100 μL	15 min	☑☑
IF1051	CEA	Cancer marker: colon cancer etc.	4.7 ng/mL	S/P	2.0-500.0 ng/mL	100 μL	15 min	☑☑
Infectious Disease								
IF1057	Anti-HCV	Hepatitis C	1.00 S/CO	S/P	1.00-10.00 S/CO	100 μL	15 min	
IF1058	Anti-TP	Syphilis	1.00 S/CO	S/P	1.00-50.00 S/CO	100 μL	15 min	☑☑
IF1059	Anti-HIV	AIDS	1.00 S/CO	S/P	1.00-1000.00 S/CO	100 μL	15 min	
IF1064	HBsAg	Hepatitis B	1.00 IU/mL	S/P	1.00-100.00 IU/mL	100 μL	15 min	
IF1063	Anti-HBs	Hepatitis B	10.00 mIU/mL	S/P/WB	10.00-1000.00 mIU/mL	100 μL	15 min	
IF1084	2019-nCoV IgM/IgG	COVID-19	1.00 COI	S/P/WB		100 μL	10 min	☑☑
IF1091	SARS-CoV-2 Antigen	COVID-19	1.00 COI	Nasal swab/Saliva		100 μL	15 min	☑☑
IF1095	SARS-CoV-2 Neutralizing Antibody	COVID-19	Refer to User Manual	S/P/WB		100 μL	15 min	☑☑
IF1047	<i>H. pylori</i>	<i>H. pylori</i> infection	5.0 ng/mL	Stool	1.0-200.0 ng/mL	10-50 mg	10 min	☑☑
Others								
IF1077	Ferritin	Anemia/tumors	Male: 30.00-400.00 ng/mL Female: 13.00-150.00 ng/mL	S/P	0.50-1000.00 ng/mL	50 μL	15 min	☑☑
IF1069	Total IgE	Allergic disorders	Refer to User Manual	S/P/WB	1.00-2000.00 IU/mL	100 μL	15 min	☑☑

Coming Soon: FOB, ASO, RF, anti-CCP, Folate...

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

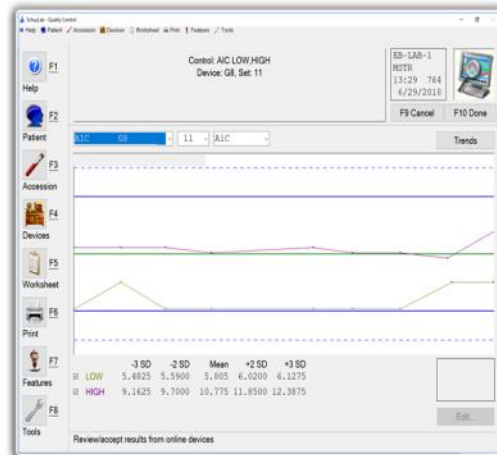
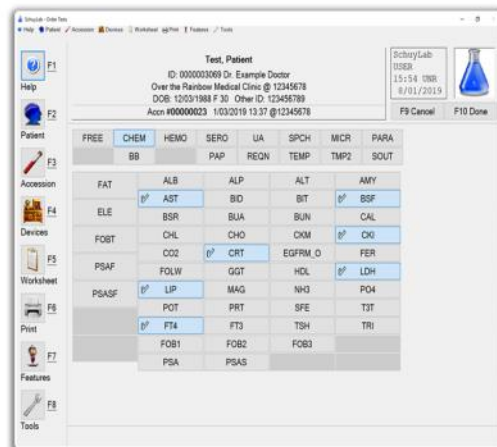
Simplified specimen handling, test or ordering and resulting streamlines your lab's daily operations.

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.



27821 Fremont Court Ste #8, Valencia, CA 91355

Phone: (800) 706-0266

www.schuylerhouse.com



The Caribbean Association of Medical Technologists

For Laboratory Professionals



Affiliate of
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"

REGISTER NOW



Reserve your room



Hosted by: The Barbados Association of Medical Technologists

www.casmet.net



casmet53@gmail.com

FIME
By Informa Markets
Save the date
June 21-23, 2023
Miami Beach Convention Center,
Miami Beach, Florida



2023 AACC
ANNUAL
SCIENTIFIC
MEETING+
CLINICAL
LAB EXPO

WE ARE
ONE

GLOBAL LAB MEDICINE COMMUNITY

SAVE THE DATE JULY 23-27 | ANAHEIM, CA



Düsseldorf, Germany 13-16 November 2023

Member of  MEDICAlliance

Where
healthcare
is going

For more information on any of the products featured in this newsletter, please [contact us!](#)

scientific[™]
supplies &
technology
sst international inc.

7245 n.w. 43rd street, miami, fl 33166
Tel: (305) 593-2137 FAX: (305) 477-4256
<http://www.sst-intl.com>