

With Peace On Earth, Good-Will To Men!

I had the opportunity this week to see the wonderful movie "I Heard The Bells" with my gorgeous wife. It is based on the true story of poet Henry Wadsworth Longfellow and how he came to write what is considered one of the most beautiful Christmas carols ever written. It details the joyful times with his family and then the grief he endured by a tragic moment, vowing never to write again. But ultimately he could not escape the joyful sound of the church bells on Christmas morning which brought him out of his grief and allowed him to write again. In doing so he penned this amazing carol.

One particular verse of the carol epitomizes his transformation from reeling in grief back to heartfelt joy:

*Then pealed the bells more loud and deep:
"God is not dead, nor doth He sleep;
The Wrong shall fail,
The Right prevail,
With peace on earth, good-will to men."*

My Christmas wish is for all of you to hear those bells on Christmas morning and feel the heartfelt awakening just as Henry did. And when you do, take a moment to re-



member all the heart warming Christmas's of the past and strive to make all the future Christmas Seasons even more filled with Peace, Love, and Joy.

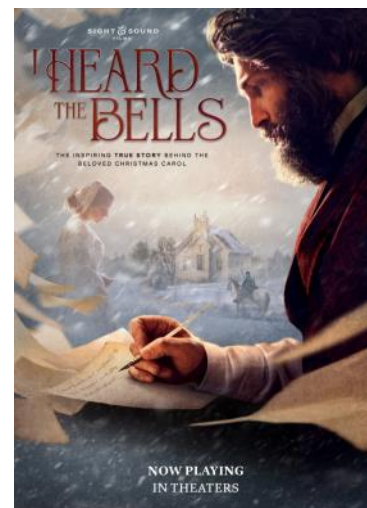
In this edition of our newsletter, we showcase the POC chemistry & immunoassay units from MNCHIP. These are great units for POC testing or for small volumes (Pages 2 & 5). We have also partnered with ECOM Seating to help offer laboratory and medical seating that you can design yourselves (see Pages 6 & 7). We have also included the Getein 1100/1160/1180 Analyzers (Page 8), and the Getein 208 Analyzer (Pages 9 & 10). Be sure to check out Page 12 for our Service Updates.

You can always visit us at

www.sst-intl.com to obtain current information, news, updates, and product brochures.

From all of us at SST, we wish you and your families a Very Merry Christmas & Prosperous New Year!

Warmest Regards,
Jerry



INSIDE THIS ISSUE:

Welcome	I
MNCHIP POC	2-5
ECOM Seating	6-7
Getein	8-10
SchuyLab	11
Service Update	12
News	13

CE   ISO 13485 Self-testing



Xenon light source



Microfluidic Reagent Rotor



Serve on the Space station
since April 2021



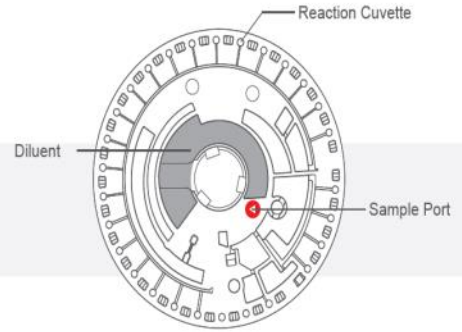
MNCHIP - Clinical Chemistry +

Chemistry Analyzer Pointcare® cM4



MNCHIP

Pointcare cM4
Reagent Discs



- General Chemistry I
Lyophilized Kit
- Clinical Emergency
Lyophilized Kit
- Renal Function Panel
Lyophilized Kit
- Liver Function Panel
Lyophilized Kit
- Myocardial Enzyme Panel
Lyophilized Kit
- Electrolyte Panel
Lyophilized Kit
- Glucose and Lipid Panel
Lyophilized Kit
- GLU & Lipid & HCY Panel
Lyophilized Kit
- General Chemistry II
Lyophilized Kit
- Liver and Renal Function
Lyophilized Kit
- Ammonia Panel
Lyophilized Kit
- General Chemistry IV
Lyophilized Kit
- General Chemistry V
Lyophilized Kit

TP	TP			TP						TP	TP
ALB	ALB		ALB	ALB						ALB	ALB
GLO*	GLO*		GLO*	GLO*						GLO*	GLO*
A/G*	A/G*		A/G*	A/G*						A/G*	A/G*
ALT	ALT		ALT	ALT						ALT	ALT
AST	AST	AST	AST	AST	AST					AST	AST
GGT			GGT	GGT						GGT	GGT
ALP			ALP	ALP						ALP	ALP
TBIL	TBIL		TBIL	TBIL						TBIL	TBIL
DBIL	DBIL		DBIL	DBIL						DBIL	DBIL
IBIL*	IBIL*		IBIL*	IBIL*						IBIL*	IBIL*
UA	UA	UA	UA	UA						UA	UA
CRE	CRE	CRE	CRE	CRE				CRE	CRE	CRE	CRE
UREA	UREA		UREA	UREA				UREA	UREA	UREA	UREA
CK		CK		CK							CK
CK-MB		CK-MB		CK-MB							CK-MB
LDH		LDH		LDH							LDH
α-HBDH		α-HBDH		α-HBDH							
AMY		AMY		AMY				AMY			
GLU	GLU	GLU		GLU	GLU	GLU	GLU	GLU		GLU	GLU
GSP								GSP			
HCY								HCY			
TG	TG			TG	TG						TG
CHOL	CHOL			CHOL	CHOL						CHOL
HDL-C	HDL-C			HDL-C	HDL-C						HDL-C
LDL-C*	LDL-C*			LDL-C*	LDL-C*						LDL-C*
K ⁺		K ⁺						K ⁺			
Na ⁺		Na ⁺						Na ⁺			
Cl ⁻		Cl ⁻						Cl ⁻			
Ca ²⁺			Ca ²⁺		Ca ²⁺						
P			P		P						
Mg ²⁺					Mg ²⁺						
CO ₂		CO ₂	CO ₂		CO ₂			CO ₂			
NH ₃										NH ₃	

* Calculated test value

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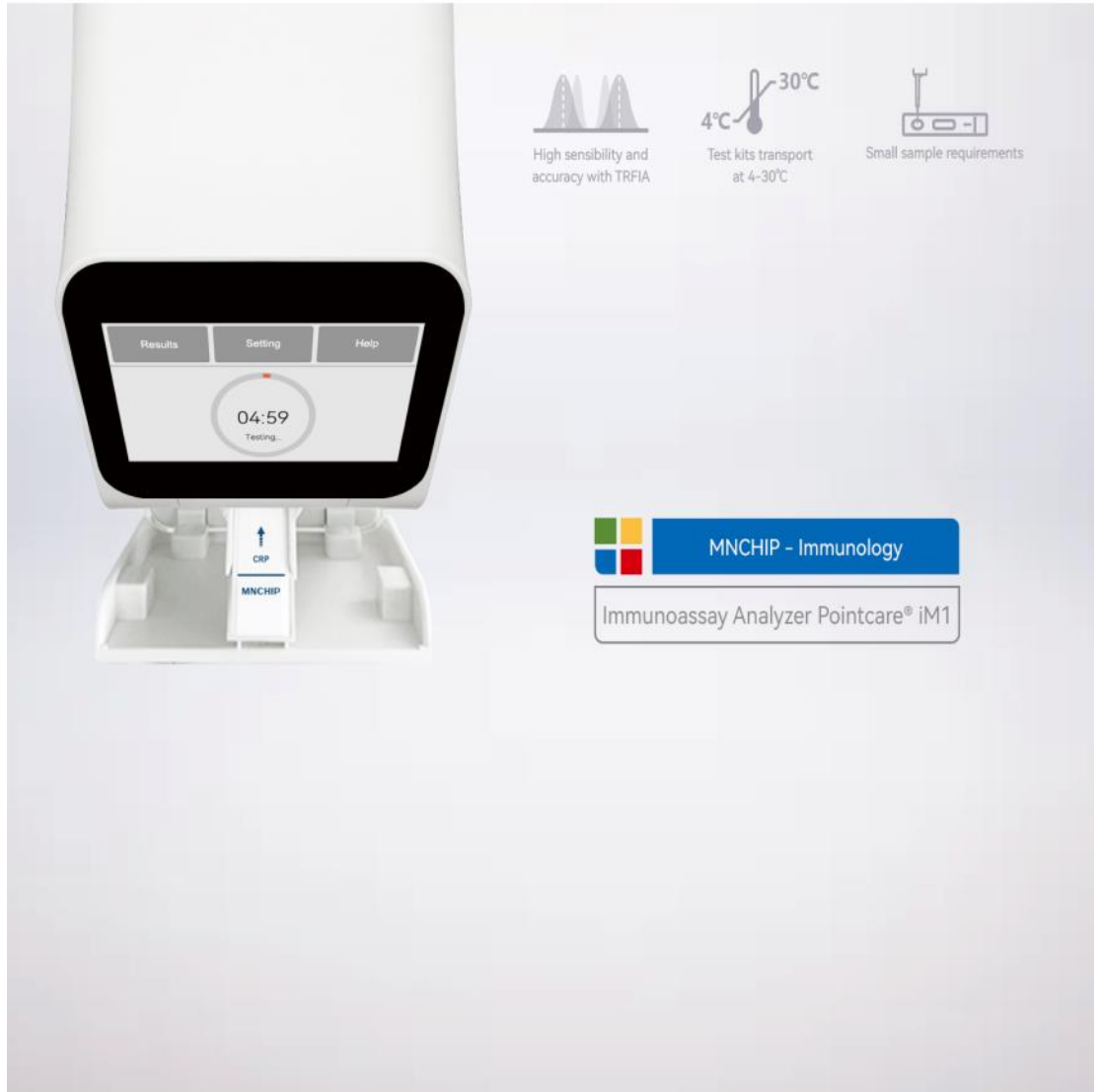
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MNCHIP

Features & Benefits

Easy to use

Only 5 operation steps
Compact design and light weight

Express detection

Deliver results in 5-10 minutes

Reliable accuracy

Time-resolved fluoroimmunoassay (TRFIA)
Integrated quality control system (RQC)

Cost-effective

Test kits can be stored at 4-30°C, saving shipping cost
Affordable analyzers and test kits

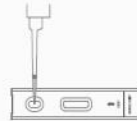
Operation



Add 2µl sample into the diluent tube



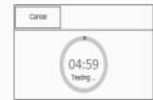
Gently invert the collection tube several times just prior to sample transfer



Transfer 100µl diluted sample to the sample hole



Insert the cartridge into the device



Read result

*Remarks: the operation may differ according to different types of samples or reagents. Please refer to package inserts for specific operating procedures.

Test Kits

Inflammation	PCT
	CRP
	SAA
Cardiovascular	cTnI
	Myo
	BNP
	H-FABP
Coagulation	D-Dimer
Diabetes & Renal	HbA1c
	CysC
	β2-MG
	NGAL
...	

More test kits coming soon...

Specifications

Sample Types	Serum or plasma * Please refer to package inserts for details.
Interfaces	USB
Memory Capacity	Up to 50,000 test results
Power Bank	Capable
Dimensions	Dimensions: 210mm(L)×125mm(W)×175mm(H) Weight: 2.0kg
Environmental Specifications	Operation Temp: 10-30°C
	Operation Humidity: 40-85%
	Power Supply: 24V

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E Com Seating Laboratory Chairs



Work hard,
sit smart.

Industry leading 15-year warranty

Laboratory-grade vinyl and
polyurethane

Entire range of Lab Seating is
available for **Quick Ship**



Go to [ecomseating.com/
chair-guide](http://ecomseating.com/chair-guide) to build your
perfect chair in
30 seconds or less!

Choosing the Right E Com Seating Chair

Our seating is designed using ergonomic principles to create a full range of chairs and stools to be used in various environments. Here are a few chair selection tips to help you build the perfect laboratory chair.

- Determine your work surface height:**

Surface Height	Chair Height	
29" - 31"	16" - 21"	Desk (Low-Form)
32" - 36"	22" - 28"	Bench (Medium-Form)
37" - 42"	26" - 35"	High Bench (High-Form)
- Determine the environment** in which the chair will be used and pick the appropriate material:

 - **Standard laboratory** (vinyl, polyurethane, wood)
 - **Office** (vinyl, fabric, wood)
 - **Clean Room and/or ESD** (vinyl, polyurethane)
- Determine if a Foot Ring is needed.** For work surfaces at or above 32" we recommend the use of an adjustable Foot Ring to provide for better circulation in the lower extremities.

Go to ecomseating.com/chair-guide to learn more

American Made - Laboratory Grade



Laboratory chairs and stools



Bench Height Vinyl Chair Chrome Footring
Fully adjustable and available with a variety of ergonomic options.



High Bench Height Polyurethane Chair
This soil-resistant polyurethane chair features a large supportive back.



Bench Height Tractor Stool
New design may just be our most comfortable polyurethane stool yet.

Controlled environment

Class 10 Clean Room



Class 10 Clean Room Chair, Medium Bench Height
Supernova - Sterling
Supernova Sterling vinyl with chrome footring and glides for stationary use.

Class 100 Clean Room



Desk Height Class 100 Polyurethane Clean Room Chair
ISO Class 5 (Class 100) Polyurethane Clean Room Chair features adjustable arms.

POCT Leading Brand



Getein
Biotech, Inc.

Stock Code
603387

Getein1100 V.S. Getein1160 V.S. Getein1180

Getein1100, Getein1160 and Getein1180 are three rapid, compact, user-friendly, multi-item **Immunofluorescence Quantitative Analyzers** designed for point-of-care testing. With flexible configurations and fast testing results, these three models can easily satisfy the clinical needs of the clinic, ICU, ER or Ambulance.

Similarities

Test Items: 51
 Test Time: 3-15 min
 Operation System: Android
 Built-in Printer: ✓
 Language: English, Spanish,
 Russian, Chinese



Items	Getein1100	Getein1160	Getein1180
Test Channel	1	4+1	7+1
Temperature Control	×	✓	✓
Lyophilized Bead Technology	×	✓	✓
Test Speed	10 T/H (Inside mode)	55 T/H	80 T/H
Quality Control System	×	✓	✓
Auto Cartridge Collection	×	✓	✓
Case Memory	10,000	100,000	100,000
Touch Screen	7-inch	10.1-inch	10.1-inch
External Printer Connectivity	×	✓	✓
Weight	2 kg	4 kg	9 kg
Dimensions	261 mm x 241 mm x 115 mm	299 mm x 276 mm x 152 mm	409 mm x 344 mm x 193 mm



STOCK CODE 603387

Getein 208

Hand-held Integrated System

Small Dimension

Multiple Application



Getein Biotech, Inc.

Test Items

Items with * are coming soon.

Test Items	Diseases	Sample Types			
Cardiac Markers					
*TnT	Myocardial Infarction	S/P/WB			
cTnI	Myocardial Infarction	S/P/WB			
D-Dimer	Venous Thromboembolism	P/WB			
BNP	Heart Failure	P/WB			
NT-proBNP	Heart Failure	S/P/WB			
NT-proBNP/cTnI	Heart Failure	S/P/WB			
CK-MB/cTnI/Myo	Myocardial Damage/Infarction	S/P/WB			
hs-CRP	Cardiovascular Inflammation	S/P			
Inflammation					
*IL-6	Acute Inflammation	S/P/WB/Fingertip Blood			
PCT	Sepsis, Bacterial Infection	S/P/WB/Fingertip Blood			
hs-CRP+CRP	Cardiovascular Inflammation, Normal Inflammation	S/P/WB			
PCT/CRP	Sepsis, Bacterial Infection	S/P/WB			
SAA	Bacterial/Virus Infection	S/P/WB/Fingertip Blood			
SAA/CRP	Neonatal Sepsis, Bacterial/Virus Infection	S/P/WB/Capillary Blood			
Diabetes Mellitus					
HbA1c	Diabetes Mellitus	WB			
Reproduction/Fertility					
FSH	PCOS, Infertility Evaluation, Pituitary Disorders	S/P/WB			
LH	PCOS, Infertility Evaluation	S/P/WB			
Prog/HCG	Pregnancy Test	S/P/WB			
Thyroid Function					
T3	Hyperthyroidism, Hypothyroidism	S/P/WB			
T4	Hyperthyroidism, Hypothyroidism	S/P/WB			
Metabolic Marker					
25-OH-VD	Osteomalacia, osteoporosis	S/P/WB			
Test Items	Dry Immunofluorescence	Dry Clinical Chemistry	Sample Type		
Creatinine/mAlb	mAlb	Creatinine	Urine		
		Creatinine	S/P/WB		
		TG	S/P/WB		
		TCH	S/P/WB		
		HDL-C	S/P/WB		
		Lipid profile	S/P/WB		
		Lipid profile/Uric Acid	S/P/WB		
		Uric Acid	S/P/WB		
		TG/TCH/HDL-C/LDL-C/Uric Acid	S/P/WB		
		TG/TCH/HDL-C/LDL-C	S/P/WB		
GLU/HbA1c	HbA1c	GLU	WB		
		Urea	S/P/WB		
		ALT	S/P/WB		
		AST	S/P/WB		
		ALT/AST	S/P/WB		
		Creatinine/Urea	S/P/WB		
ALT/AST/Urea/ Creatinine		ALT/AST/Urea/Creatinine	S/P/WB		
		HCY	S/P/WB		
		HCY/CK-MB/cTnI/Myo	CK-MB/cTnI/Myo	HCY	S/P/WB

GP Getein Biotech, Inc.

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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

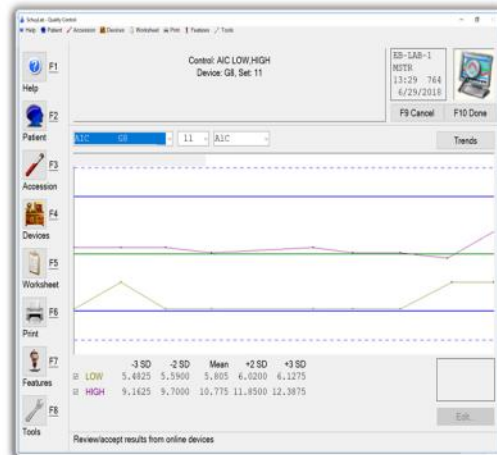
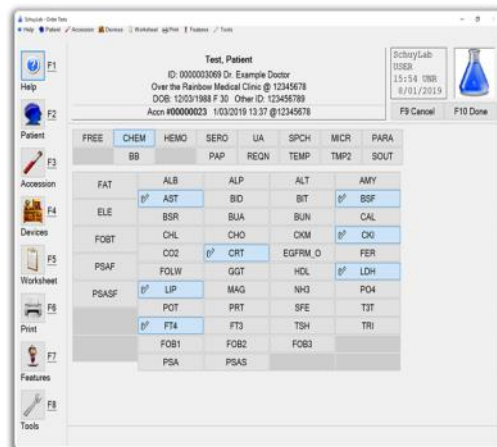
Simplified specimen handling, test or ordering and resulting streamlines your lab's daily operations.

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



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SST SERVICE UPDATE



W
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C
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M
E



We are excited to announce that Garland Jacobs and Primus Sylvanus have joined our SST family as Field Service Biomedical Engineers. Garland is based in Jamaica and will be able to offer outstanding service to all our Jamaican customers. Primus is based in St. Lucia and will be able to offer outstanding service to all our customers in St. Lucia and throughout the Windward and Leeward Islands. Welcome to the SST family, guys!

For all Service inquiries, please contact our Service Department at service @sst-intl.com.

For all Technical Support inquiries, please contact our Tech Support at techsupport@sst-intl.com.





Our offices will be closed from December 26th through January 2nd so we may enjoy the Christmas Season with our families.

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



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