

POINT OF CARE TESTING(POCT) AUTO CHEMISTRY ANALYZER

AST-SMT-120 Auto Chemistry Analyzer is a biochemical analysis system that integrates conventional biochemistry,coagulation,electrolyte and immunoassay items.it is widely used in primary health,emergency diagnostic testing,field rescue and other fields.

(Immediate Results Imm Anywhere Anytime)

Transfer results to PC

Build results database

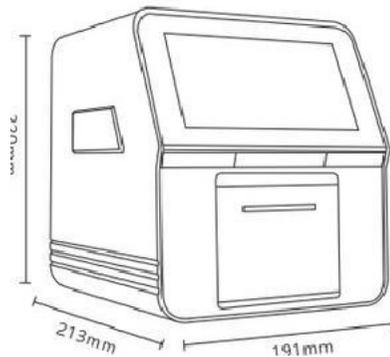


Group Panels	17 General Chemistry IV Kit	19 General Chemistry V Kit	14 General Chemistry Kit	8 Renal Function Kit	18 General Chemistry II Kit	19 General Chemistry III Kit	10 Relyte Kit	10 Liver Function Kit	8 Renal Function Kit	6 Lipid Kit	7 Electrolyte Kit	13 Health Check Kit	5 Cardiac CRP Kit	11 Chemistry CRP Kit	10 Liver Function Plus Kit	4 Coagulation Assay Kit	HbA1c Kit
Analytes	AW00088	AW00246	AW00411	AW00088	AW000866	AW00867	MD20105	AW00131	AW00275	AW00353	AW00246	AW00194	MD20201	AW00857	AW00430	MD10184	MD10186
ALB	ALB		ALB	ALB	ALB	ALB		ALB	ALB			ALB		ALB	ALB		
ALP			ALP			ALP		ALP						ALP	ALP		
ALT	ALT		ALT			ALT		ALT		ALT		ALT		ALT	ALT		
AMY		AMY	AMY		AMY	AMY		AMY				AMY			AMY		
AST	AST	AST	AST		AST	AST		AST		AST		AST	AST	AST	AST		
APTT																APTT	
Ca		Ca		Ca	Ca		Ca		Ca		Ca	Ca					
CHE						CHE		CHE									
CK		CK			CK	CK						CK	CK				
CK-MB		CK-MB											CK-MB				
cr		cr			cr		Cl'		cr		cl'						
Crea	Crea	Crea	Crea	Crea	Crea	Crea	Crea		Crea			Crea		Crea			
CysC	Cys-C																
DB	DB					DB								DB	DB		
Fib																Fib	
FRUC	FRUC																
GGT			GGT			GGT		GGT								GGT	
GLU	GLU	GLU	GLU	GLU	GLU	GLU				GLU		GLU		GLU			
HbA1c																	HbA1c

K*		k+			k+		k+		k+		k+						
Na+		Na+			Na		Na+		Na+		Na						
PHOS		PHOS		PHOS	PHOS		PHOS				PHOS	PHOS					
PT																	PT
TB	TB			TB			TB		TB			TB		TB	TB		
TBA						TBA		TBA									
tCO2		tCO2		tCO2	tCO2		tCO2				tCO2						
TP	TP			TP			TP		TP			TP		TP	TP		
TT																	TT
UA	UA	UA	UA	UA	UA	UA	UA		UA								
UREA	UREA	UREA	UREA	UREA	UREA	UREA	UREA		UREA			UREA		UREA			
TC	TC			TC			TC			TC							
TG	TG			TG			TG			TG		TG					
HDL	HDL						HDL			HDL							
HCY	HCY																
LDL*	LDL*						LDL*			LDL*							
LPS		LPS				LPS											LPS
LP(a)	LP(a)																
HBDH		HBDH				HBDH							HBDH				
LDH		LDH				LDH							LDH				
CRP		CRP												CRP			
Mg		Mg				Mg		Mg				Mg					
GLOB*	GLOB*[]			GLOB*[]			GLOB*		GLOB*[]				GLOB*[]		GLOB*	GLOB*	
U/C*	U/C*	U/C*	U/C*	U/C*	U/C*	U/C*	U/C*		U/C*				U/C*		U/C*		

A/G*	A/G*		A/G*			A/G*		A/G*				A/G*		A/G*	A/G*		
INR*																INR*	
IBIL*	IBIL*																

MT-1 AUTO CHEMISTRY ANALYZER



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



Test up to 40 parameters in total



Test results in 12 min



3-step simple

ADVANTAGES

Low Sample Consumption

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

Easy to Use

No professional skill required.

Maintenance Free

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

Accurate Result

Using the photoelectric colorimetric principle, the SMT-120 analyzer has many advantages versus conventional dry biochemistry analyzer using the light reflection method. Dilution of test sample is guaranteed Without random errors or cross contamination.

SPECIFICATION

Sample volume	90-120 μ l	Testing method	End-point,kinetic,two-point
Bar code	Two-dimensional bar code automatically read	Light source	12V/20W,Halogen tungsten lamp with life span over 2500 hours(About 25000 samples/tests)
Testing time	12 minutes/sample	Power adapter	Input:AC 100V-240V,50-60Hz Output:15V 7.0A,105W Max
Temperature	37 $^{\circ}$ C \pm 0.2 $^{\circ}$ C	Display	6.5 inch multi-touch screen,android system, multi-language support
Resolution	0.001Abs	Storage	>500,000 results
Absorbance	0-3.0Abs	Printer	Built-in thermal printer
Sample type	Lithium Heparin Anticoagulant whole blood, serum and plasma	IT connection	2 USB interfaces
Work environment Temperature	10-32 $^{\circ}$ C ; Humidity:<85%	Weight	4.2Kg of the analyzer,0.6 Kg of power adapter

Testing principle	Absorption spectroscopy,turbidimetry		
QC&Calibration	Automatic and real-time		

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



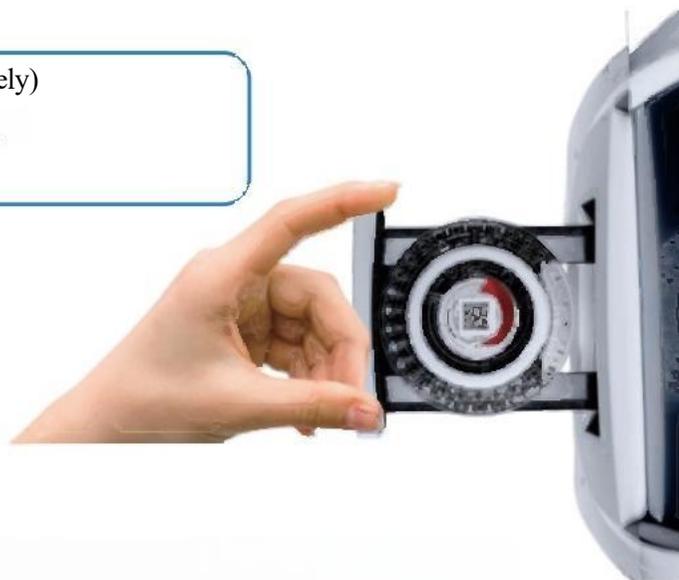
01 Add Sample(100μL)



02 Insert Disc(12-minute testing time)



03 Read Results(immediately)



DISPOSABLE REAGENT DIS

Seamaty Reagent Disc Introduction

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

Intelligent Quality Control

The reagent disc contains a complicated internal quality control system IQC which continuously monitors the disc function to ensure reaction stability and optimal disc performance. IQC is the engine that drives the SMT-120 accurately and precisely.

Correlation

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



济南安生泰医疗科技医疗有限公司
Jinan Ansenta Medical Technology Co., Ltd.



Email: info@ansenta.com



www.ansenta.com