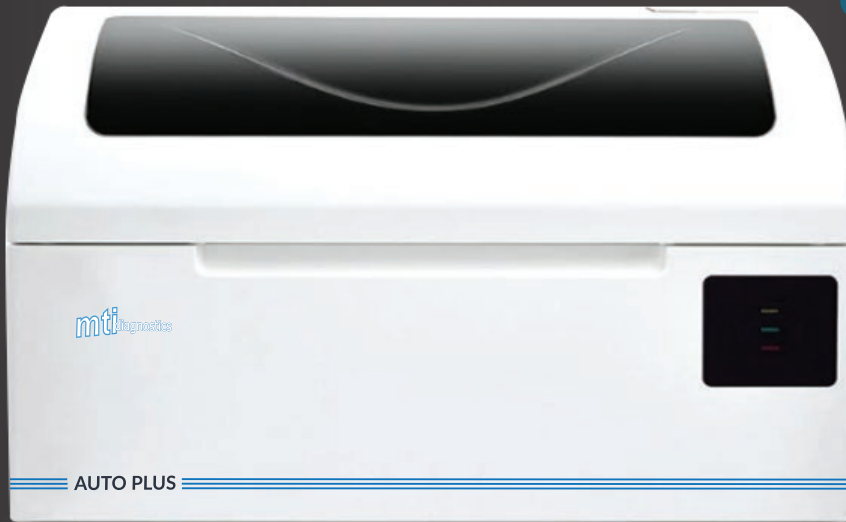


Auto Plus



FEATURES

- Automatic, Radom Access
- Clotting, Chromogenic, Immunologic measuring methods
- Comprehensive test speed 180 test/h (PT)
- Cuvettes load and unload automatically
- User-friendly operation software
- Bidirectional LIS system
- STAT sample priority
- Reagent open system, close system on request
- Barcode scanner for reagent and sample (optional)

SYSTEM

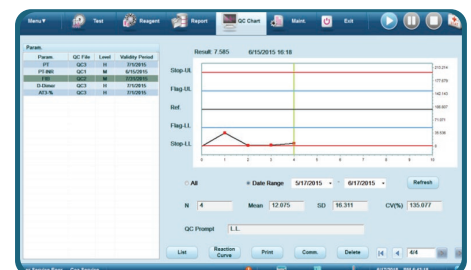
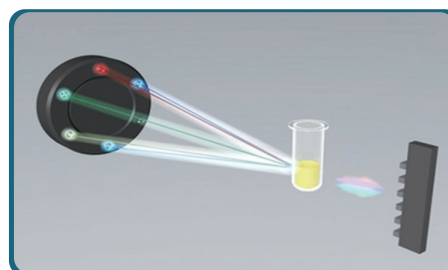
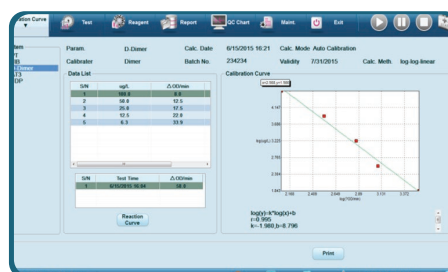
- Including automatic test cuvette loading mechanism and catcher component used to dispatch and unload test cuvettes to realize screening, dispatching, discarding of test cuvettes from the recharge door.

Sampling System

- Liquid level detection
- The reagent is preheated to 37°C in 3 to 5 seconds.
- Horizontal and vertical collision avoidance.

THERMOSTATIC SYSTEM

- Reagent refrigeration: The temperature of all reagent positions is $\leq 16^{\circ}\text{C}$.
- Reagent preheating: The temperature of the tubing of the sampling probe is kept at 37°C.
- Incubation: 18 incubation holes in the test area, with the constant temperature of 37°C.
- Thermostatic control of test positions: 13 test positions in the test area, with the constant temperature of 37°C.





Auto Plus

Full Name	Test Item	Methodology	Default Unit
Prothrombin time	PT	Coagulation process	%
Activated partial thromboplastin time	APTT	Coagulation process	S (second)
Fibrinogen	FIB	Coagulation process	mg/dl
Thrombin time	TT	Coagulation process	S (second)
Protein C	PCcl	Coagulation process	%
Batroxobin	BXT	Coagulation process	S (second)
LA1 screening	LA1	Coagulation process	S (second)
LA2 screening	LA2	Coagulation process	S (second)
Factor analysis	II, V, VII, VIII, IX, X, XI, XII	Coagulation process	%
Antithrombin III	AT3	Chromogenic method	%
α 2-antiplasmin	APL	Chromogenic method	%
Plasminogen	Plg	Chromogenic method	%
Protein C Chromogenic method	BCPC	Chromogenic method	%
Heparin	Hep	Chromogenic method	IU/mL
D-dimer	D-Dimer	Immunoturbidimetry	mg/L
P-FDP	PFDP	Immunoturbidimetry	ug

Technical Parameters of Product

Test Method	Clotting method, chromogenic method and immunoturbidimetry
Detection channels	8 clotting detection channels at 660nm LED 5 chromogenic and immunologic channels at 405nm, 575nm, 660nm, 800nm (400nm and 900nm optional) LED.
Test Position	13 positions
Incubation Position	18 positions at temperature 37°C + 0.5°C
Discarded Test Cuvette Position	2 positions 180 tests/hour (PT item)
Test Speed	90 tests/hour (D-Dimer item) 36 tests/hour (APTT, PT, TT and FIB) 25 tests/hour (APTT, PT, TT, FIB and D-Dimer) 50 normal sample positions, 5 STAT sample positions
Sample Position	24 refrigerated positions at temperature < 16°C, 5 normal temperature reagent positions
Reagent Position	Max. Load of Test Cuvette: 300 pieces with volume 150 μ l
Reaction tray	Reaction temperature: 37°C + 0.5°C
Probe	One reagent probe and one sample probe with collision protection, liquid level detection and inventory checking function. Reagent probe with reagent preheating and recoverable overheating protection function.
Printer	External PC controlled printer
Power In	A/C.100V~240V, 50Hz/60Hz
Input Power	\leq 500VA
Work Environment	10°C~30°C, RH \leq 85%
Storage Environment	-20°C ~ 55°C, RH \leq 85%, Barometric Pressure: 50kPa~106kPa without corrosive gas, well ventilated
Interface	LAN interface, USB interface, RS-232 serial interface
Working condition	Temperature: 10oC – 32oC, Humidity < 85%
Water consumption	< 6L/hour
Dimension	(L x W x H) 820mm x 680mm x 550mm
Net weight	100 Kg