

MICROSYSTEM SRL

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MICRO-COA50 Auto Coagulation Analyzer



- Random Access, smart and compact
- Clotting, Chromogenic, Immunologic measuring methods
- User friendly touchscreen interface, simple & easy to operate
- High throughput routine assays
- Labor saving, simple programming and real walk-away system
- Reagent open system, close system on request
- Multi-language software(optional)

MICRO-COA50

Auto Coagulation Analyzer



Technical Specifications:

System Function

- Throughput: 60 tests/hour for PT
50 tests/hour for PT and APTT
- Parameters: PT, APTT, TT, FIB, AT-III, PLG, D-Dimer, FDP, etc.
- Measuring methods:
Clotting: Scattered Light Detection method
Chromogenic: Colorimetric method, 405nm
Immunologic: Turbidimetric method, 575nm
- Memory: 100,000 test results and 10,000 reaction curves
- Quality control: 12 QC File*10 test items*30 curve*12 month
- Calibration: 6 points*10 items
- Automatic, Random Access
- STAT sample priority
- Auto re-diluent/ re-test
- Barcode-reading for sample(optional)
- Bidirectional LIS

Sample Tray

- Sample tray: 27 positions, user-defined STAT
- Incubation temperature: $37 \pm 0.5^\circ\text{C}$

Reagent Tray

- Reagent tray: 23 positions
- Reagent cooling: $\leq 16^\circ\text{C}$

Reaction Tray

- Cuvettes on board : 72
- Min reaction volume: 150ul
- Reaction temperature: $37 \pm 0.5^\circ\text{C}$

Probe

- With probe pre-heating
- Automatic washing both inside and outside
- With collision protection, liquid level detection and Inventory checking

Print out

- Built-in thermal printer, external printer optional

Measuring and Optic System

- Light: LED
- Power: AC 110/240V, 50-60 \pm 1Hz
- Temperature: 10°C - 30°C , humidity \leq 85%
- Water consumption: <0.5L/hour
- Dimension L×W×H (mm) : 660×580×510
- Weight: 53KG

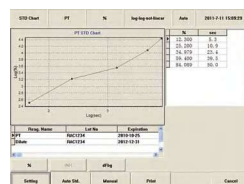


7 Detection Channels

- 5 for clotting assays
- 1 for chromogenic assays
- 1 for immunologic assays

Sample/Reagent Probe
with Liquid Level Detection

Status Menu



Item	Unit	Value	Unit	Value	Unit	Value	Unit	Value	Unit	Value
PT	sec	12.5	APTT	sec	28.5	TT	sec	18.5	FIB	g/L
AT-III	%	85	D-Dimer	μg/L	0.5	PLG	μg/L	0.5	INR	1.2

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