

Equipment ID: Lab-03
Siemens-Dade
CA-560 SYSMEX COAG Analyzer

Measuring methods

- Clotting: Scattered Light Detection method, 660nm
- Chromogenic: Colorimetric method, 405nm
- Immunologic: Turbidimetric method, 575nm

Parameters

- PT and Extrinsic Factors
- aPTT and Intrinsic Factors
- Thrombin Time (TT) and Batroxobin
- Fibrinogen (Fbg), Clauss and derived methods ATII I
- D-Dimer
- Heparin
- Protein C Clotting and Chromogenic Assays



Throughput

- 60 test results / hour for PT
- 41 test results / hour for PT and aPTT run simultaneously
- 10 test results / hour for D-Dimer

First result

- For PT within 7 minutes
- For D-Dimer within 15 minutes
- For random 3 parameters within approximately 11 minutes

Sample volume

- 50 µL each for PT, APTT, TT and Batroxobin
- 10 µL each for Fibrinogen and ATIII 50 µL for D-Dimer
- Others various

Quality control

- X control (Levy-Jennings-Control)
- 14 parameters, 180 data points x 6 files in memory

Data storage 300 samples (maximum 1500 tests) results, last 600 tests for the coagulation curve

Print out **Built-in thermal graphic printer**

Dimensions **54 x 49 x 47 cm [21¹/₄ x 19¹/₄ x 18¹/₂ in] (W x H x D)**

Weight **45 kg [99 lbs]**

Power requirement **117 / 230V AC ± 15 % (50 or 60 Hz)**

Power consumption **400 VA or less**