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### **About Sysmex**

Sysmex is a global market leader in the development and implementation of clinical diagnostic and health IT products and services for laboratories, hospitals and healthcare organizations.

We deliver total solutions in the field of clinical laboratory testing, including hematology, hemostasis and urinalysis. Supplying products and services to customers in more than 150 countries, Sysmex is the market leader in hematology and coagulation instrumentation worldwide.

By working together with our customers and business partners, Sysmex is committed to our mission of shaping the advancement of healthcare.



We Believe the Possibilities.

Simplifying coagulation testing

**CA-104** 

Semi-automated blood coagulation analyzer





Dispense sample



Incubate sample



Timer countdown



Aspirate start reagent





Result printed out automatically



Dispense start reagent, measurement is started automatically

## **Secure Digital Card**

Sophisticated standard curve tool to maintain accuracy and precision

**Compact Coagulation Analyzer** 

Ideal for laboratories that require minimum manual intervention in performing routine coagulation assays. It is designed to simplify coagulation testing; making it more standardized and reproducible

Coagulation testing is made easy with built-in timer, temperature control, and auto-start and

Automatic light intensity adjustment according to the turbidity of the plasma, making it possible

A technology that requires only half the sample and reagent volume for testing as compared to

A compact design, combined with the use of SD-card and ChipCARD system for your convenience

**CA-104 Your Straightforward,** 

timing of measuring process

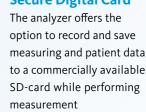
manual method

Easy to use with pre-programmed methods

to measure icteric or lipemic plasma reliably

Increase throughput with short incubation time

Objective detection of clot formation



A light beam passes through the cuvette containing the test plasma onto a photo detector. Any change in the intensity of the transmitted

into an electric signal.

the photo detector



#### ChipCARD

The analyzer allows you to load method-specific data and parameters for a certain method via an integrated ChipCARD reader

Cuvette

Mixer motor

Photo detector

# **Turbodensitometric Measuring Principle**

Together with high quality reagents, it provides a reliable coagulation solution, not only for low volume testing, but also as an backup for fully automated system that requires a different optical method

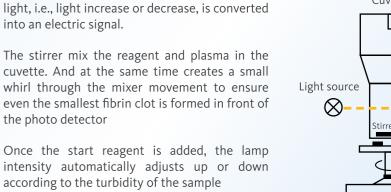
## Reagent system

• Thromborel S, Dade Innovin

• Dade Actin, Dade Actin FS, Dade Actin FSL, Pathromtin SL

• Thromboclotin, Test Thrombin Reagent

• Multifibren U



This stirring action and optical measurement constitute the basic features of the turbodensitometric measuring principle

according to the turbidity of the sample