Compact Automatic Coagulation Analyzer, 100 Tests/h, 4 Channels, PT APTT FIB TT, Optical

Model **MSBCA-A-4-6SWISS** | Brand **Master Science**





The Compact Automatic Coagulation Analyzer brings fully automatic testing of PT, APTT, FIB and TT to smaller laboratories. Its optical method runs on four test channels at up to 100 tests per hour, with both automatic and manual testing modes.

KEY HIGHLIGHTS

- Automation for Small Labs
- Consistent Results
- Reagent Saving
- Background Correction

AT A GLANCE

100 tests/h
TEST SPEED

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

Automatic sample adding and testing removes many manual steps and keeps results consistent between operators. The Compact Automatic Coagulation Analyzer has refrigerated reagent positions, a heated level-sensing probe, dynamic clotting curve display, emergency priority insertion and a LIS connection.

For higher throughput and special assays, see our Fully Automatic Coagulation Analyzer, the larger sibling of the Compact Automatic Coagulation Analyzer.

Labs moving from semi-automatic coagulometers meet the issues below. The Compact Automatic Coagulation Analyzer resolves each one.

Key Benefits

Automation for Small Labs
Fully automatic sampling and testing cuts manual handling steps.

Consistent Results
Automatic sample adding removes operator-to-operator variation.

Reagent Saving
Refrigerated, inclined reagent positions and a level-sensing probe reduce waste.

Background Correction
Optical background scanning reduces interference from jaundiced and high-fat samples.

Technical Specifications

UNDEFINED

Brand	Master Science
Model Number	MSBCA-A-4-6SWISS
SKU	MSBCA-A-4-6SWISS
Test Speed	100 tests/h
Test Method	Optical
Test Items	APTT, PT, FIB, TT
Test Channels	4
Sample Positions	5
Reagent Positions	6, refrigerated
Probe	1, liquid level sensing and constant-temperature heating
Washing Position	1
Optical Cuvette Loading	4
LED Lighting	Yes
Low-Level Alarms	Cuvettes, reagents, detergent
Waste Overflow Alarm	Yes
LIS Connection	Yes
Weight	30 kg
Dimensions	53 × 47 × 42 cm

PROBLEMS THE COMPACT AUTOMATIC COAGULATION ANALYZER SOLVES

Many manual pipetting steps	Automatic sampling and testing handle the full process.
Results vary between operators	Automatic sample adding keeps results consistent.
Urgent samples wait behind batches	Emergency priority insertion runs them first.
Interference from lipemic samples	Optical background scanning reduces it.

Applications

- **Routine PT/INR and APTT testing**
- **Fibrinogen and thrombin time measurement**
- **Emergency coagulation screening**
- **Anticoagulant therapy monitoring**

Pre-operative coagulation checks

Testing

- Optical clotting detection on 4 channels
- PT, APTT, FIB and TT
- Automatic and manual dual-mode testing
- Dynamic clotting curve display

Workflow

- Batch testing with emergency priority insertion
- Abnormal result alarm with automatic re-test
- Automatic or manual calibration
- LED work lighting

Reagents and Safety

- Refrigerated, interchangeable inclined reagent positions
- Probe with liquid level sensing and constant-temperature heating
- Alarms for low cuvettes, reagents, detergent and waste overflow
- LIS connection

Standard Accessories Included

- Compact automatic coagulation analyzer main unit

Optional Accessories

- No optional accessories are listed for this model; contact our team for compatible items.