Semi-Automatic Urine Analyzer - Urine Strip Reader - 120 Samples per Hour - 14 Parameters

Model **MSUA-SA-200SWISS** | Brand **Master Science**





The Master Science Semi-Auto Urine Analyzer is a small, light strip reader for quick urine chemistry in clinics and small laboratories. The operator dips the strip and places it on the tray; the analyzer reads it by reflectometry using a high-brightness cold light source and prints the result.

KEY HIGHLIGHTS

- Fits any bench
- Objective readings
- Flexible strips
- Clean operation
- Printed record

AT A GLANCE

120 samples/hour
TEST SPEED

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

support@themsci.com
www.themsci.com

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Overview

It accepts 10, 11, 12 and 14-parameter strips and processes about 120 samples per hour. A standard calibration strip is used for the self-check, and a drain design carries away excess urine to prevent cross-contamination.

Key Benefits

Fits any bench
the Master Science Semi-Auto Urine Analyzer weighs only 2.6 kg.

Objective readings
instrument reading replaces visual colour matching.

Flexible strips
10 to 14 parameters.

Clean operation
urine drain design limits cross-contamination.

Printed record
built-in thermal printer.

For unattended high-volume testing, see the Master Science automatic urine strip analyzer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSUA-SA-200SWISS
SKU	MSUA-SA-200SWISS
Brand	Master Science
Model Number	MSUA-SA-200SWISS
SKU	MSUA-SA-200SWISS
Test Speed	120 samples/hour
Principle	Reflectometry, high-brightness cold light source
Strip Types	10, 11, 12 and 14 parameters
Test Items	Glucose, bilirubin, ketone, specific gravity, pH, blood, protein, urobilinogen, nitrite, leukocytes, ascorbic acid, creatinine, calcium, microalbumin
Report Units	International or conventional
Communication	RS232; connects to urine sediment systems and hospital information systems
Detection Wavelength	**525 to 660 nm**
Power	50 VA
Operating Conditions	15 to 35 °C, humidity < 85 %

DISPLAY & DATA	
Display	LCD
Printer	Built-in high-speed thermal printer
Data Storage	2000 results, searchable by record number

DIMENSIONS & WEIGHT	
Dimensions	350 × 285 × 140 mm
Net / Gross Weight	2.6 kg / 4.8 kg

COMMON LABORATORY PROBLEMS AND HOW THIS ANALYZER HELPS	
Common Laboratory Problems and How This Analyzer Helps	How the Master Science Semi-Auto Urine Analyzer simplifies urine screening:
Subjective visual strip reading	reflectance measurement.
No written record	automatic printout and memory.
Limited space and budget	compact semi-automatic design.
Carry-over between strips	urine drain function.

The Master Science Semi-Auto Urine Analyzer is used in

- **Clinics and physician offices**
- **Small hospital laboratories**
- **Health check-up stations**
- **Routine urine screening**

Back-up for automatic analyzers

Measurement

- Cold light source reflectometry
- 525 to 660 nm detection
- Up to 14 parameters

Operation

- Self-check with calibration strip
- LCD and keypad
- 120 samples per hour

Data

- 2000 stored results
- RS232 output
- International or conventional units