Dry Immunofluorescence Analyzer - POCT Immunoassay Analyzer - 13-18 min Tests - Touch Screen

Model **MSIFA-J1000DSWISS** | Brand **Master Science**





The Master Science Immunofluorescence Analyzer is a single-channel point-of-care platform for quantitative in vitro measurement of biomarkers in human serum, plasma, whole blood and urine using dry fluorescence test cards. Results are available in 13 to 18 minutes and support clinical decisions as an auxiliary aid.

KEY HIGHLIGHTS

- Results near the patient
- Broad test menu
- Small samples
- Easy to run
- Connected

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

The test menu covers infection and inflammation markers (PCT, IL-6, CRP), cardiac markers (hs-cTnI, NT-proBNP, CK-MB, MYO, H-FABP), D-Dimer and NGAL. A 7-inch touch screen, automatic card ejection and a built-in printer keep operation simple.

For blood cell counts alongside biomarker testing, see the Master Science 5-part auto hematology analyzer.

Key Benefits

Results near the patient
the Master Science Immunofluorescence Analyzer reports in 13 to 18 minutes.

Broad test menu
infection, cardiac, coagulation and kidney markers.

Small samples
from 20 µL of capillary blood for PCT.

Easy to run
touch screen and automatic card discard.

Connected
LIS and HIS data transfer.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSIFA-J1000DSWISS
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Platform	Single-channel dry immunofluorescence, POCT
Sample Types	Serum, plasma, whole blood, urine
Detection Time	13 to 18 min
Throughput	Up to 180 tests/hour (PCT as example)
Quality Control	Internal QC calibration; lyophilised controls at high, medium and low levels
PCT	0.01 to 100 ng/mL
IL-6	2 to 4000 pg/mL
CRP	0.1 to 200 mg/L
hs-cTnI	0.005 to 50 ng/mL
NT-proBNP	5 to 35000 pg/mL
CK-MB / MYO	0.1 to 100 ng/mL / 1 to 500 ng/mL
H-FABP	1 to 200 ng/mL
D-Dimer	0.01 to 10 mg/L
NGAL	1 to 5000 ng/mL
Sample Volume	20 to 120 µL depending on test and sample type
Power Supply	AC 220 V, 50/60 Hz

DISPLAY & DATA

Display	7-inch LCD touch screen
Storage	More than 30,000 results
Printer	Built-in thermal; external printer supported
Data Transfer	USB, RS232, LIS

DIMENSIONS & WEIGHT

Dimensions	291 × 220 × 162 mm
Net / Gross Weight	3.44 kg / 4.04 kg

COMMON PROBLEMS AND HOW THIS ANALYZER HELPS

Common Problems and How This Analyzer Helps	How the Master Science Immunofluorescence Analyzer supports rapid testing:
Long waits for central lab results	13 to 18 minute tests at the point of care.
Large blood draws	small sample volumes.
Manual result transcription	LIS/HIS connection.
Complex instruments	simple single-channel workflow.

The Master Science Immunofluorescence Analyzer is used in

- **Emergency departments**
- **ICU and NICU**
- **Outpatient services**
- **Clinical departments**
- **Laboratories needing rapid biomarker results**

Testing

- Dry fluorescence test cards
- Quantitative results
- Serum, plasma, whole blood or urine

Operation

- 7-inch touch screen
- Automatic card discard
- Built-in thermal printer

Quality and Data

- Internal QC calibration
- 30,000-result memory
- USB, RS232 and LIS