Laser Cassette Printer - Tissue Embedding Cassette Marker - 2500 dpi - 25 Cassettes/min

Model **MSCAP-C1SWISS** | Brand **Master Science**





The Master Science Laser Cassette Printer marks tissue embedding cassettes with text, numbers, symbols and QR codes. It prints by laser, so no ink, ribbon or other dedicated printing consumable is required.

KEY HIGHLIGHTS

- No consumables to stock
- Marks that last
- Reliable scanning
- Narrow footprint
- No lost queue

AT A GLANCE

50 × 50 mm MARKING RANGE	**≥ 100 cassettes, single slot** LOADING CAPACITY
≥ 25 cassettes/min PRINTING SPEED	

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support@themsci.com
www.themsci.com

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Overview

A single loading slot on the left takes at least 100 cassettes, and printed cassettes leave on the right at a rate of 25 or more per minute. Resolution is 2500 dpi, which keeps QR codes readable by scanners, and the software connects to hospital HIS or LIS systems.

Key Benefits

No consumables to stock
the Master Science Laser Cassette Printer marks by laser.

Marks that last
print resists scratching and organic solvents.

Reliable scanning
high-clarity QR codes.

Narrow footprint
front width under 200 mm.

No lost queue
pending print list recovers after a power failure.

Marked cassettes then go to the Master Science mini tissue processor.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSCAP-C1SWISS
SKU	MSCAP-C1SWISS
Brand	Master Science
Model Number	MSCAP-C1SWISS
SKU	MSCAP-C1SWISS
Printing Method	Laser
Printing Speed	≥ 25 cassettes/min
Printing Resolution	2500 dpi
Marking Range	**50 × 50 mm**
Loading Capacity	**≥ 100 cassettes, single slot**
Print Content	Text, numbers, QR codes and symbols; 8 or more editable fields
Connectivity	Hospital HIS or LIS
Service Life	5 to 8 years, depending on usage conditions
Printing Power	3 W

DIMENSIONS & WEIGHT	
Minimum QR Code Size	6 × 6 mm
Front Width	Less than 200 mm

COMMON PROBLEMS AND HOW THIS PRINTER HELPS	
Common Problems and How This Printer Helps	How the Master Science Laser Cassette Printer improves cassette identification:
Handwriting washed off by solvents	laser marks withstand organic solvents.
Ribbon and ink costs	no printing consumables.
Unreadable codes	2500 dpi marking.
Urgent single cassettes	insert through the front window at any time.

Applications

The Master Science Laser Cassette Printer is used for

Labelling tissue embedding cassettes Sample identification in pathology and histology laboratories Laboratories working with HIS or LIS tracking

Printing

- Laser marking without special consumables
- QR code plus more than 8 fields of numeric and character data
- Scratch-resistant and solvent-resistant print

Cassette Handling

- Slide-type feed: cassettes are printed mid-slide and drop to the exit
- Electric push rod sets the printing position
- Loading on the left, exit on the right
- Openable translucent front window for monitoring and adding single cassettes

Software

- Batch and individual printing
- Customisable field names
- Editing, pending and printed windows
- Printed records exportable as files