ELISA Microplate Reader - 8-Channel Absorbance Plate Reader - 96 Well - 400-725 nm

Model **MSMPR-H200BCSWISS** | Brand **Master Science**





The Master Science ELISA Microplate Reader measures absorbance in 96- and 48-well plates for ELISA and other colorimetric assays. Eight fibre-optic channels scan the plate in 3 seconds at a single wavelength or 6 seconds in dual-wavelength mode.

KEY HIGHLIGHTS

- Fast plate reading
- Several assays per plate
- Complete reports
- Low maintenance
- Large memory

AT A GLANCE

400 to 725 nm WAVELENGTH RANGE	**0.000 to 4.000 A** ABSORBANCE RANGE
±0.008 A ACCURACY	

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

Four standard filters (405, 450, 492 and 630 nm) and four optional positions cover 400 to 725 nm. A 7-inch touch screen, built-in printer and storage for 200,000 results make it a complete stand-alone reader, with PC software also included.

Key Benefits

Fast plate reading
the Master Science ELISA Microplate Reader reads 96 wells in 3 seconds.

Several assays per plate
up to 12 tests on one plate.

Complete reports
patient information and multiple formats.

Low maintenance
automatic lamp adjustment and calibration.

Large memory
200,000 results stored.

Wash plates before reading with Master Science microplate equipment.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSMPR-H200BCSWISS
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SKU	MSMPR-H200BCSWISS
Plate Types	96- and 48-well
Filters	405, 450, 492, 630 nm plus 4 optional
Resolution	0.001 A
Accuracy	**±0.008 A**
Reproducibility	≤ 0.2 %
Stability	±0.003 A
Channel Difference	≤ 0.01 A
Read Time	≤ 3 s (single), ≤ 6 s (dual wavelength)
Shaking	Linear, 3 speeds
Power Supply	100 to 240 V, 50/60 Hz

OPTICAL PERFORMANCE

Optics	8-channel fibre-optic scanning
Detector	Silicon photodiode
Light Source	8 V / 50 W, life up to 10000 h
Wavelength Range	**400 to 725 nm**
Absorbance Range	**0.000 to 4.000 A**

DISPLAY & DATA

Display	7-inch colour touch screen
Memory	200,000 results, 500 test programs
Printer	Built-in thermal
Interfaces	2 × USB-A, 1 × USB-B, RS232, printer port
PC Software	Included

DIMENSIONS & WEIGHT

Dimensions (W × H × D)	475 × 350 × 210 mm
Net / Gross Weight	8 kg / 11 kg

HOW THE MASTER SCIENCE ELISA MICROPLATE READER SUPPORTS ELISA LABS

Slow manual result recording	printed and stored reports.
Needing a PC for every run	stand-alone touch screen.
Drifting readings	automatic calibration.
Mixed tests on one plate	up to 12 tests per plate.

Applications

The Master Science ELISA Microplate Reader is used for
ELISA immunoassays Clinical laboratory testing with patient reports Research colorimetric assays Running up to 12 different tests on one plate

Optics

- 8-channel fibre scanning
- Single or dual wavelength
- 400 to 725 nm filters

Operation

- 7-inch touch screen
- Linear shaking, 3 speeds
- Built-in printer

Data

- 200,000 results, 500 programs
- USB and RS232
- PC software included

Optional Accessories

- Additional filters (up to 4)