

# MS4-MaxiRead96

## Microplate Elisa Absorbance Reader

The MS4-MaxiRead96 microplate absorbance reader, with a wavelength range of 400–800nm, is a high-performance solution for a wide range of applications, including immunoassays with colorimetric substrates, such as ELISA, and protein assays such as Bradford and Lowry. It is designed for applications within the biotechnology, molecular biology, life science research and pharmaceutical laboratory.

Touch screen, 7 inch high resolution colour LCD display.

8 channel optical fiber scanning.

Single or dual wavelength measurements.

Performing 12 different tests just in one plate.

Extensive report with sample information.

Multiplicate report formats of sample information.

Auto Lamp adjustment and auto calibration.

Stable memory stores up to 200,000 test data, 500 test projects.

User-friendly, easy to programme and can update software online.

Easily connect to PC, provide with Maxilab Biotechnology MS4-MaxiRead96 software

Product includes standard 405,450,492,630nm optical filters.

Optional optical filters can be select between 400–800nm.

Product comes with MS4-MaxiRead96 software, dust Guard, touch Pen, printer, printer paper, replacement Lamp.



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Specification	MS4-MaxiRead96
Display	7 inches Touch screen
Microplate types	96/ 48 well plate
Photodetector	Silicon Photodiode
Light source	8v/50w Controlled tungsten halogen lamp
Wavelength range	400nm - 800nm
Standard filters	405,450,492,630nm & 4 optional
Half-bandwidth of filters	8nm±2nm
Reading range	0.000-4.000A
Linearity at 450nm filter	≥ 0.990 Abs
Accuracy at 450nm filter	±0.008A (0-1Abs) ±0.015A (1-2Abs)
Precision at 450nm filter	≤0.2%
Resolution	0.001A
Accuracy	±0.008A
Reproducibility	≤0.2%
Stability	±0.003A
Reading Speed	Single Wavelength≤3s Double Wavelength≤6s
Shaking	Linear Shaking , 3 speeds(low, medium, fast)
User interface	Integrated software or PC control software
Operation	Touch screen control panel
Storage	200,000 test data and 500 test projects
Printer	Built-in Thermal Printer optional external printer
Interface connections	2×USB-A 1×USB-B 1×RS-232 1×Printer
Dimensions; LxWXH	475×350×210mm
Net weight	8kgs

