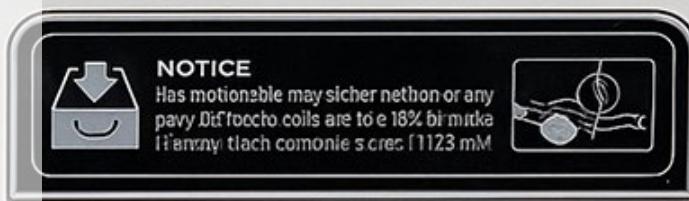# Chemiluminescence Immunoassay Analyzer /Elisa Microplate reader

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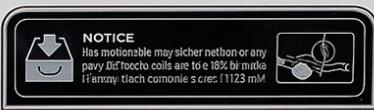## Chemiluminescence Immunoassay Analyzer /Elisa Microplate reader

Model: DS-MR-60

Product Introduction

The chemiluminescence immunoassay analyzer is a specialized device used in laboratories for immunoassay experiments. It is based on a fixed-wavelength optical path. The wavelength range of 340nm–750nm can meet the requirements of most enzyme-linked immunosorbent assay (ELISA) tests. It supports 96-well microplates and can accommodate various types of microplates for testing. It features easy operation, no need for external computers, and allows data storage and export via USB or transfer to an external computer.

Product Features

- High-Definition Display: Equipped with a 7-inch color touchscreen, resolution of 1024×600 pixels.
- Built-in Printer: Includes a built-in printer for direct report printing and data output.
- Light Source: Uses a 6V 10W halogen lamp with a lifespan of up to 2000 hours.
- Wavelength Selection: Adopts an interference filter with dual-wavelength measurement capability.
- Shaking Function: Adjustable amplitude and speed of vibration; programmable as required.
- Operation Interface: Simple Chinese operation system with single or multi-point curve setup and data output; user-friendly layout.
- Filter System: Standard 4-filter plate (405, 450, 492, 630nm), supports 8-filter plate expansion; easy and tool-free filter replacement.
- Data Storage: Stores up to 200 test results and 100 calibration curves.
- Connectivity: 2 USB ports; supports USB keyboard input, mouse control, and data transfer to a PC.
- Calibration and QC: Supports linear and multi-point calibration and quality control with automatic correction.

Model	DS-MR-60
Parameter	Specification
Display	7-inch color touchscreen
Light Source	6V 10W halogen lamp
Wavelength Range	340–750 nm
Filter Wavelengths	Standard 405/450/492/630nm (optional 8-filter plate)
Absorbance Range	0–4.0 Abs
Linearity	0–3.0 Abs: ±1%; 3–4 Abs: ±2%
Wavelength Accuracy	±1.0 nm (standard: 405nm)
Absorbance Repeatability	CV ≤ 0.2% (0–3 Abs); CV ≤ 1.0% (3–4 Abs) at standard 405nm
Absorbance Linearity	≤ ± 0.005 Abs (0–3 Abs); ≤ ± 0.010 Abs (2–3 Abs); ≤ ±1.5% (3–4 Abs)
Detection Method	Endpoint / Kinetic method
Shaking Function	< 65, 96-well microplate shaking; adjustable time and speed
Sample Types	Single or dual wavelength; supports 96-well plates
Memory	Stores up to 200 results and 100 calibration curves
Interfaces	2 USB ports (support keyboard, mouse, USB drive)
Power Supply	AC 100–240V, 50–60Hz, 2A
Power Consumption	60W
Device Dimensions (mm)	440 × 295 × 225
Packing Dimensions (mm)	562 × 420 × 350
Weight (kg)	12.6 kg
Warranty	Two years