



Microplate Reader ZMR-A12

Overview

Microplate reader ZMR-A12 consists of 10.4-inch LCD display touch-screen and an optical system with 8-channel optical fiber scanning. It can store 500 test items and million test data points and perform 20 different tests on just one plate. The system is equipped with a USB interface for easy connection to the PC and built-in printer. It works on a single or dual wavelength, gives qualitative and quantitative data evaluation, and also consists of an LED or tungsten halogen lamp as a light source.

Features:

- Simple, safe, reliable, and easy-to-use
- LED or tungsten halogen lamp is used as light source
- Performs 20 different tests
- Single or dual wavelength measurement
- Qualitative and quantitative data-evaluation
- Optical system with 8 channel optical fiber scanning
- Auto-plate centering system
- Linear shaking, 3 speeds
- Silicon photodiode, photodetector
- USB interface
- Can store up to million test data

Applications:

Microplate readers are widely used in hospitals, clinics, disease control centers, blood banks, scientific research laboratories, veterinary clinics, etc.

Specifications :

Microplate Types	96/ 48 – well plate
Photodetector	Silicon Photodiode
Wavelength Range	400 nm – 800 nm
Standard Filters	405, 450, 492, 630 nm
Reading Range	0.000 – 4.000 A
Resolution	0.001 A
Accuracy	± 0.008 A
Reproducibility	? 0.2 %
Stability	± 0.003 A
Single wavelength reading speed	? 3 sec
Double wavelength	? 6 sec
Shaking	Linear
Speed	3 speeds
Interface Connection	DVI, VGA, USB, RS-232
Light Source	8 V/ 50W Controlled Tungsten Halogen Lamp or LED lamp
Power Supply	100 – 240 V, 50 – 60 Hz
Dimensions (L × W × H)	460 × 350 × 197 mm
Net Weight	8 Kg



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