

MBI Evolution Microplate Reader

MBI Evolution Microplate reader is a high-quality optical absorption microplate reader based on filters. Its wavelength range is 340-750 nm. It issuitable for scientific research and clinical application. It is suitable for 96 well plates and can meet the requirements of different channel.

Features

1. Easily use with 7 inch touch screen together with 3 external keys.
2. Able to use individually or connect with PC and controlled by an android tablet and the results can be put out.
3. Absorbance range: 0.0~4.000Abs, meeting different needs.
4. 8 positions optical filter wheel, equipped with 4 standard filters, other filters are optional.
5. Built-in software can provide control program and date analysis, can connect with U-disk.
6. Fast and accurate measurement of 96-well plates within 6 seconds.

Specification

Display	7 inch touch screen (800x480 dots)
Light source	Quartz-halogen lamp 6V/10W
Wavelength	340nm~750nm
Half-bandwidth of filters	8~10 nm
Optical filters	8 positions optical filter wheel ,equipped with 4standard optical filters; 450nm, 492nm, 630nm, other filters are optional
Read-out range	0~4.000Abs
Linearity (405nm)	0~3.0Abs, ±1%; 3~4.0Abs, ±2%
Resolution	0.001Abs
Accuracy (405nm)	±1% (0-3Abs) ,±2%[3-4Abs)
Precision(405nm)	CV≤0.2% (0-3Abs); CV≤1% [3-4Abs)
Test speed	6s, 96-wells plates, fast measurement mode; Single wavelength <15s/96well , dual wavelength <28s/96well
Sensitivity / Detector	≥0.010 / Photodiode
User interface	Integrated software or PC control software
Storage	200 programs and 100,000 test records
Ports	3USB ports, for PC, printer and USB-disk
Power supply	AC 100-240V, 50-60Hz, 2A
Dimensions(WxDxH)	440×295×225mm
Weight(kg)	10kg

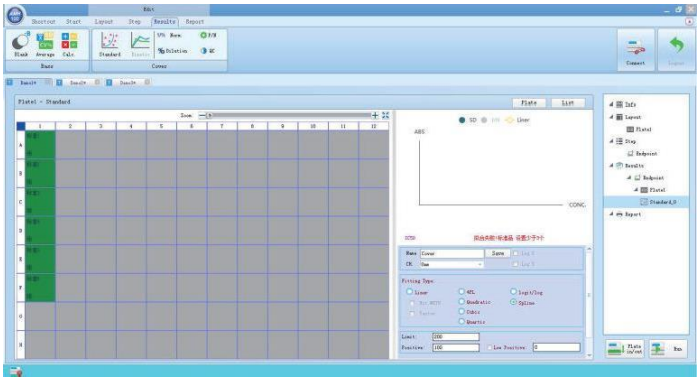


MBIZLQ-100 Highlights

1. Easy of use with 7 inch touch screen , simple and intuitive operation. No need to operate keyboard.
2. It keeps with high visual, convenient and practical.
3. It is equipped with standard control and data analysis software ReaderIt-I, data detection, convenient and fast; powerful data analysis function and excellent results report, not only can run independently, but also can run analysis on computer and Pad.
- 4.Convenience: replace light source and filter without opening the shell.



MBIZLQ-100 Operation Interface



ReaderIt-I Software interface

MBIZLQ-100 Microplate Reader

Code	Description		
MBIZLQ-16050-00	MBIZLQ-100 Microplate Reader	MBIZLR-16051-17	Optical filter 510nm
MBIZLR-16050-01	Optical filter 340nm	MBIZLR -16051-18	Optical filter 520nm
MBIZLR-16050-02	Optical filter 380nm	MBIZLR -16051-19	Optical filter 532nm
MBIZLR-16050-03	Optical filter 405nm	MBIZLR -16051-20	Optical filter 546nm
MBIZLR-16050-04	Optical filter 415nm	MBIZLR -16051-21	Optical filter 560nm
MBIZLR-16050-05	Optical filter 450nm	MBIZLR -16051-22	Optical filter 562nm
MBIZLR-16050-06	Optical filter 492nm	MBIZLR -16051-23	Optical filter 600nm
MBIZLR-16050-07	Optical filter 540nm	MBIZLR -16051-24	Optical filter 620nm
MBIZLR-16050-08	Optical filter 570nm	MBIZLR 16051-25	Optical filter 646nm
MBIZLR-16050-09	Optical filter 578nm	MBIZLR -16051-26	Optical filter 663nm
MBIZLR-16050-10	Optical filter 590nm	MBIZLR -16051-27	Optical filter 700nm
MBIZLR-16050-11	Optical filter 595nm	MBIZLR 16051-28	Optical filter 750nm
MBIZLR-16050-12	Optical filter 630nm	MBIZLR -16051-50	Replacement Lamp
MBIZLR-16050-13	Optical filter 650nm	MBIZLR -16051-51	Printer
MBIZLR-16050-14	Optical filter 690nm	MBIZLR -16051-52	Printer paper
MBIZLR-16050-15	Optical filter 470nm	MBIZLR -16051-53	Calibration Plate
MBIZLR-16050-16	Optical filter 490nm	MBIZLR -16051-54	ReaderIt-I software