BSMR-100
Microplate Reader



Description

AMR-100 Microplate Reader is a reliable and robust instrument for a wide variety of research and clinical applications. It reads various kinds of 96-wells plates and equipped with shaking function. It can be used as a stand alone instrument or under PC control with regular or APP software. The software is easy-to-use..

AMR-100 Microplate Reader is a 9-channel absorbance microplate reader that provides not only accurate, reproducible and fast measurements, but also offer innovative design with its easy-to-use control and data analysis software. It is ideal for a variety of ELISA applications in the biology laboratory

1. Easy of use with 7 inch touch screen together with 3 external keys
2. A broad wavelength range of 340-750nm
3. Able to use individually or connect with PC and export results
4. Absorbance range: 0.0~4.000Abs
5. 8 positions optical filter wheel, equipped with 4 standard optical filters
6. Rapid and accurate measurement of 96-well plates within 6 seconds
7. 9-channel ELISA reader for fast measurements
8. Additional reference channel for optimized light intensity
9. Endpoint, kinetic and multi-label measurements for a variety of applications
10. Shaking with variable time and speed
11. PC software, APP software and bulit-in software for powerful and validated data analysis

Specification

Display	7 inch touch screen (800x480 dots)
Light source	Quartz-halogen lamp 6V/10W
Wavelength	340-750nm
Optical filter	Equipped with filters: 405,450,492,630nm
Half-bandwidth of filters	8~10nm
Read-out range	0~4.000Abs
Linearity (405nm)	(0~2.000Abs) ≤±1%, [2~4.000Abs) ≤±2%
Resolution	0.001Abs
Accuracy (405nm)	±1% (0-3Abs); ±3% [3-4Abs)
Precision(405nm)	CV≤0.2% (0-3Abs): CV≤1% [3-4Abs)
Test speed	<6s for 96 wells plate
Incubator	No
Shaking	3 modes shaking: slow, medium and fast
User interface	Integrated software or PC control software
Operation	Touch screen, 3 pcs external keys
Storage	200 programs and 1000 test records
Ports	3 USB ports, for PC, printer and USB-disk
Power supply	AC100-240V, 50-60Hz, 2A
Dimensions (W x D x H)	440 x 295 x 225 mm
Weight (kg)	10Kg

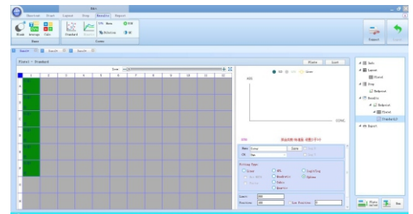
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BSMR-100 Highlights

1. Easily use with 7 inch touch screen together with 3 external keys
2. It keeps with high visual and logical user interface of software,it can be offered a comprehensive inbuilt calculations, such as blank subtraction, quantitative curve fit, quanlitative classification and kinetic calculations, as well as the versatile reporting tool and make data reduction



BSMR-100 Operation



ReaderIt-I

Ordering information

No.	Code	Description	No.	Code	Description
01	BSMR-16050-00	BSMR-100 Microplate Reader	18	BSMR-16051-17	Optical filter 510nm
02	BSMR-16051-01	Optical filter 340nm	19	BSMR-16051-18	Optical filter 520nm
03	BSMR-16051-02	Optical filter 380nm	20	BSMR-16051-19	Optical filter 532nm
04	BSMR-16051-03	Optical filter 405nm (Standard)	21	BSMR-16051-20	Optical filter 546nm
05	BSMR-16051-04	Optical filter 415nm	22	BSMR-16051-21	Optical filter 560nm
06	BSMR-16051-05	Optical filter 450nm (Standard)	23	BSMR-16051-22	Optical filter 562nm
07	BSMR-16051-06	Optical filter 492nm (Standard)	24	BSMR-16051-23	Optical filter 600nm
08	BSMR-16051-07	Optical filter 540nm	25	BSMR-16051-24	Optical filter 620nm
09	BSMR-16051-08	Optical filter 570nm	26	BSMR-16051-25	Optical filter 646nm
10	BSMR-16051-09	Optical filter 578nm	27	BSMR-16051-26	Optical filter 663nm
11	BSMR-16051-10	Optical filter 590nm	28	BSMR-16051-27	Optical filter 700nm
12	BSMR-16051-11	Optical filter 595nm	29	BSMR-16051-28	Optical filter 750nm
13	BSMR-16051-12	Optical filter 630nm (Standard)	30	BSMR-16051-50	Replacement Lamp
14	BSMR-16051-13	Optical filter 650nm	31	BSMR-16051-51	Printer
15	BSMR-16051-14	Optical filter 690nm	32	BSMR-16051-52	Printer Paper
16	BSMR-16051-15	Optical filter 470nm	33	BSMR-16051-53	Calibration Plate
17	BSMR-16051-16	Optical filter 490nm			

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