



## MICROPLATE READER BMRW-102

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Microplate Reader is a laboratory instrument that is used to measure chemical, biological or physical reactions, properties and analytes within the well of a microplate. Flexibility and reliability makes this product an unique choice. Used in Drug Discovery, Research, Laboratory, Medical, Assay Development, Life Science. Also known as Laboratory Microplate Reader.

## BMRW-102 MICROPLATE READER



- Bichromatic, 8-channel Optical system.
- Large storage capacity up to 200 test protocols and 100,000 results.
- LED light source with lifespan over 10,000 hours.
- 3 shaking modes with variable time.
- Windows operation system, self-check, malfunction alarm.
- 7 inch touch TFT LCD screen, test results simultaneous displayed in screen.

## SPECIFICATIONS

| Model                   | BMRW-102                                  |
|-------------------------|---|
| Repeatability           | <1%                                       |
| Stability               | <0.005 Abs/10 min                         |
| Linearity               | R $\geq$ 0.995                            |
| Display                 | 7 inch TFT LCD, 800x480 Pixels            |
| Interface               | RS~232, 4 USB ports, SD Card              |
| Printer                 | Built-in printer, external printer        |
| Power Supply            | AC 100~240V, 50/60 Hz                     |
| Dimension               | 400Lx310Wx169H mm                         |
| Weight                  | 6 kg                                      |
| Readout Range           | 0.000~3.500 Abs                           |
| Plate Type              | 96-well plate                             |
| Light Source            | Monochromatic LED                         |
| Reading Speed           | 5s with single wavelength for whole plate |
| Input                   | Mouse, membrane keyboard, touch screen    |
| Working conditions      |   |
| Humidity                | 15%~85%                                   |
| Temperature             | 10°C~35°C                                 |
| Measure System          | 8~channel optical system                  |
| Band Width and Accuracy | 8 nm $\pm$ 2 nm                           |
| Shaking                 | 3 shaking modes with variable time        |
| Wavelength              | 405, 450, 492, 630nm, two more optional   |



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