

# MICROPLATE READER MODEL ENORE

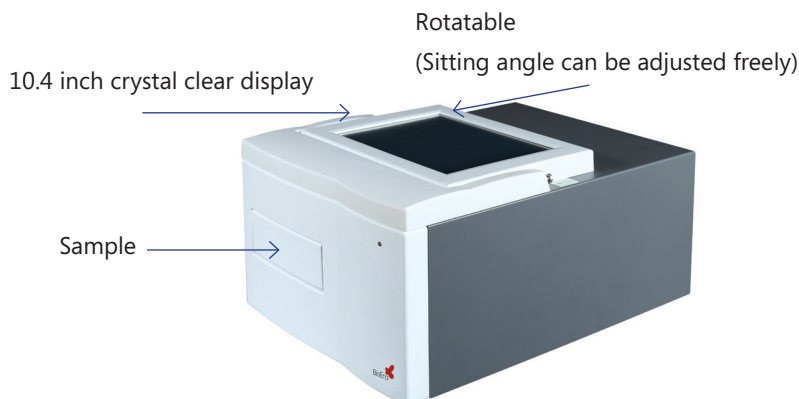
BioEra's Microplate Reader is unique, advanced and compact with 8 vertical channels of optic road design, which can measure absorbance, inhibition rate, and can perform qualitative and quantitative analysis. The machine has ultra-fast scanning speed with high sensitivity. This instrument uses 10.4-inch rotatable industrial-grade color LCD with touch screen operations. BioEra's Microplate Reader comes with a computer interface port with a user-friendly professional software. Moreover, the instrument has WI-FI connectivity for hassle-free control over the machine via software interface. This instrument can be used in research laboratories, quality inspection offices and in other research sectors such as agriculture, animal husbandry, food enterprises and food companies.



CAT. NO.: BE/CI/ER-02

## FEATURES

- 10.4-inch colored LCD display with user friendly touch screen operations
- Rotatable LCD screen for better viewing
- Sophisticated visualization of panel and panel data
- USB PC interface
- Good repeatability, stability and accurate measurements
- Offers multi-mode options like endpoint method, kinetic method and inhibition rate
- Compact design of optical path system with long term maintenance free
- Fast scanning speed with high sensitivity
- Automation of switch door and sampling test
- Ultra-fast quantification of ELISA, DNA and RNA
- Three-point measurement of the cup which include center, rear and the front



## TECHNICAL SPECIFICATION

FEATURES	SPECIFICATIONS
Cat. No.	BE/CI/ER-02
Lamp	DC12V 22W Tungsten halogen lamp
Optical Path	8 Channel Vertical Light Path System
Wavelength range	400-999 nm
Filter	Default Configuration 405, 450, 492, 630nm
Filter Wheel Capacity (Can Be Replaced Externally)	15 filters
Reading Range	0-6.000 Abs
Linear Range	0 – 4.000 Abs
Resolution	0.001 abs
Accuracy	$\leq \pm 0.01$ abs
Wavelength Indication Error	$\leq \pm 2$ nm
Wavelength Repeatability	$\leq \pm 1.5$ nm
Stability	$\leq \pm 0.003$ Abs
Repeatability	$Cv \leq 0.3\%$
Vibration Plate	Three kinds of linear vibration plate function. Adjustable time range of 0-255 seconds
Display	10.4 Inch color LCD screen with user friendly touch screen operation
Display Screen	Rotatable (Sitting angle can be adjusted freely)
Connectivity	USB connectivity PC
Software	Professional software with storage facility up to 200 group programs and 100000 sample results. Feasibility of more than 10 kinds of curve fitting equation
Power Input	AC 100-240 V 50/60 Hz
Weight	11 Kg
Dimensions (W x D x H) mm	444 X 320 X 220-400