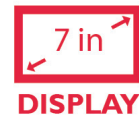


# MICROPLATE READER MODEL NOVA

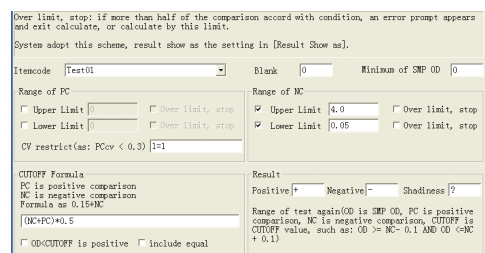
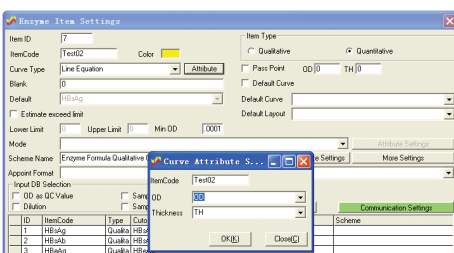
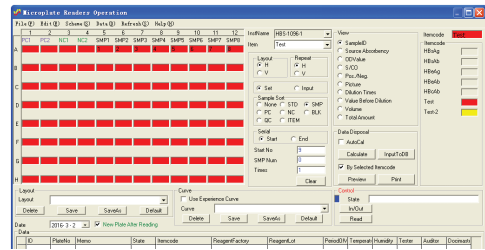
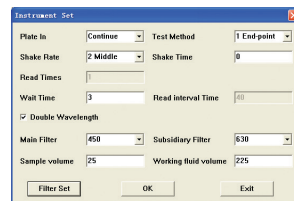
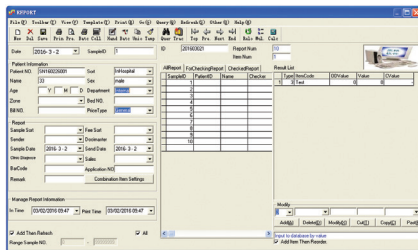
BioEra's Microplate Reader is unique, compact and attractive with 8 vertical channels of optic road design, which can measure absorbance, inhibition rate, and can perform qualitative and quantitative analysis. This instrument uses 7-inch industrial-grade color LCD with touch screen operations. BioEra's Microplate Reader comes with a computer interface port with a user-friendly professional software. 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-01

## FEATURES

- Colored LCD display with user friendly touch screen operations
- Sophisticated visualization of panel and panel data
- Good repeatability, stability and accurate measurements
- Offers multi-mode options like Cut-off, endpoint method, pesticide residue analysis and absorbance
- Feasibility of connection to an external printer
- 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, Bradford and other colorimetric reactions
- Three-point measurement of the cup which include center, rear and the front



## TECHNICAL SPECIFICATION

<b>FEATURES</b>	<b>SPECIFICATIONS</b>
Cat. No.	BE/CI/ER-01
Lamp	DC12V 22W Tungsten halogen lamp
Optical Path	8 Channel Vertical Light Path System
Filter	Default Configuration 405, 450, 492, 630nm
Filter Wheel Capacity (Can Be Replaced Externally)	12 Filters
Reading Range	0-4.000 abs
Linear Range	0 – 3.000 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	Drift $\leq \pm 0.003$ abs
Repeatability	$Cv \leq 0.3\%$
Vibration Plate	Three kinds of linear vibration plate function. Adjustable time range of 0-255 seconds
Display	7 Inch Color LCD Screen With User Friendly Touch Screen Operation
Display Screen	Fixed
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 – 240v, 50/60 hz
Weight	6 kg
Dimensions (W x D x H) mm	400 x 255 x 220