

# Ringbio

## K3 Plus Microplate Photometer Touch Screen ELISA Reader



- 7 inch colored touch screen
- Superior flexibility and reliability
- Excellent optical system
- Extended memory measurement program
- Practical and simple software

## K3 Plus Microplate Photometer / Touch Screen ELISA Reader

Dedicated to measuring absorbance through microplate, K3 Plus uses an 8-channel vertical optical density detection concept. The 8-bit high-quality interference filter wheel with a wavelength range of 400 to 750nm, the large 7inch coloured display, the flexible internal software and the excellent instrument performance provide great flexibility in a variety of diagnostic applications.

### Features

- Standard absorbance measurement by 8-channel vertical optical density
- Wavelength range from 400 to 700nm, applicable in various research & clinical use
- Two working modes: continuous and stepped reading
- 96-well plate reading only in 8s, fast and repeatable
- Dynamics and multi-wavelength mode
- Reading modes including single wavelength, dual wavelength, dual time method
- Built-in self-diagnostic program for stability and reliability checking
- English language support with large touch screen

### Specifications

Parameter	Details	Parameter	Details
Dimension(W*H*L)	140*420*320mm	OD precision	0.0001 A
Weight	11 Kg	Linear range	OD: 0 ~ 3.00
Power	220V, 50Hz	Linearity	R <sup>2</sup> >0.995
Transportation	-40°C - 70 °C	Accuracy	0-0.3A, +/-0.007
Storage	-25°C - 50 °C	Accuracy	0.3-2.0A , +/-1%
Plate type	96 wells plate	Precision	C.V.<1%
Optical system	QHT lamp(8v/50w)	Measure time	8s
Weave length	400-750nm	Measure time	20s in step mode
Filter	405/450/492/630nm	Shaking	3 modes
Optional filter	8 filters in total	UI screen	7' touchscreen
Measure range	0 ~ 4.0A	Operation	by PC or touch
Filter half bandwidth	3 - 9nm	Storage	500 programs

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