



- Large 7inch coloured touchscreen
- Superior flexibility and reliability
- Excellent optical system
- Extended memory measurement program
- Practical and simple software

Technology Services Future

K3 Plus Microplate Reader



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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

- Provides standard absorbance measurements by an 8-channel vertical optical density;
- Measure absorbance for wavelength range of 400 to 700nm , used in a variety of research and clinical applications;
- Two measurement modes (Continuous and stepper) , measurement time on 96-well plate is only 8s , Fast and repeatable;
- Various program measurement modes are available, including single wavelength, dual wavelength, dual time method, dynamics and multi-wavelength mode;
- System built-in self-diagnostic program , ensure the stability and reliability of the instrument;
- Easy to use through the large coloured display, Chinese-English interface;
- The linear shaker operates at three different levels of speeds is available for more experimental requirements.

Technical Specifications

Overall dimensions	140mm (H) ×420mm (W) ×320mm (D)	Absorbance resolution	0.001A
Weight	11kg	Linearity	0-3Abs , Linear correlation coefficient are above 0.995 at 450nm
Mains power supply	220V , 50 Hz		Accuracy
Power consumption	170W	Precision	0.3-2.0A , Standard value ±1%
Transportation conditions	-40°C to +70°C, Packed in transport packaging		Measurement time
Storage conditions	-25°C to +50°C, Packed in transport packaging	Shaker	8s/96-well plate (Continuous modes)
Plate types	96-well plates		20s/96-well plate (Step modes)
Optical system	Quartz-halogen tungsten lamp (8V/50W),	User interface	Linear shaking, 3 speeds levels
Wavelength range	400-750nm		Operating method
Filters	Equipped with 8 optical filters in max	Storage	touch or connect to a PC
	Standard filters installed: 405 nm , 450 nm, 492nm and 630nm		Interface
Half-bandwidth of filters	3-9nm		USB (PC or printer)
Measurement range	0-4.0A		

Ordering Information

Catalog Number	Description	Warranty
51B11001	K3 Plus Microplate Reader	One Year

