

K3 Pro Microplate Reader

K3 Pro is a Microplate Reader with reliable and flexible functions which can measure the absorbance value of the samples in microplate. It can be configured with up to 8 optical filters at the same time, and the detection range of wave length is 330-900 nm. Furthermore, it is also configured with a heating incubator and an oscillator to meet the needs of variable experiments. A 10-inch color touch screen is chosen to be one of major operate methods, and the software is visible pictorial, therefore the K3 Pro is very easy to use.



WiFi connection available



Built-in heating incubator up to 55°C



Reliable, accurate, precise



Larger touch screen, easier to use



Wider reading range: 0-6 Abs



Wider detection range of wave length: 330-900nm



Features:

- Detection range of wave length: 330-900nm.
- Dual detection mode(continuous and stepping), it takes only 8s for one test of 96 orifice plate.
- A variety of program detection modes available, including single wave, double wave, dual-time method, dynamic and multi-wave mode.
- 10-inch large touch screen, simple interface, easy to use.
- An adjustable heating incubator(RT +4°C-55°C) and an adjustable oscillator(with 3 optional speeds) are configured as standard.
- Wild reading range: 0-6 Abs. Flexible for more applications.
- Connect to PC by wire or WiFi, or operate by stand-alone software.

Technical Parameters

Item NO.	51711011
Light source	Quartz halogen lamp
Wave length range	330-900nm
Microplate mode	96-384 orifice plate
Optical filters	8 hole sites optical filter wheel with 405nm&450nm&620nm&492nm filters for standard configuration
Half-band width	3-9nm
Reading range	0-6Abs
Linear range	0-4Abs @405nm. (0-3Abs $\pm 2\%$ in rapid measure mode; 0-4Abs $\pm 2\%$ in common measure mode)
Accuracy	$\pm 1\%$ (0-3Abs) @405nm; $\pm 2\%$ (3-4Abs) @405nm
Precision	$Cv \leq 0.2\%$ (0-3Abs); $CV \leq 1.0\%$ (3-4Abs) @405nm
Measuring speed	for 96 orifice plate: 8s in rapid measure mode and 12s in common measure mode; for 384 orifice plate: 16s in rapid measure mode and 24s in common measure mode
Heating incubator	RT + 4°C - 55°C (configured for standard)
Oscillator	3 speed levels optional linear oscillator (configured for standard)
Display & operate	10-inch HD color touch screen
Language	Chinese & English
Data export	USB
Printer	USB/WiFi
Internal storage program capacity	1000 programs
PC software	configured for standard