

Elisa Microplate Reader

BK-EL10C Elisa Microplate Reader adopts 10-inch industrial-grade color LCD display, touch screen operation, and external thermal printer. The test results can be displayed, stored and printed in the form of a whole microplate. This instrument can be configured with computer-side Elisa Microplate Reader analysis software. This instrument is widely used in scientific research laboratories, quality inspection bureaus, agricultural and animal husbandry, feed enterprises, food enterprises and other testing fields.



Features

- * 8-channel vertical optical system.
- * Super fast reading speed of 7 seconds.
- * 10.1-inch Large Touch Screen with visual layout function, what you see is what you get.
- * Hardware: ARM architecture high-performance low-power processor, with ADI high-precision AD conversion chip, the measurement is more accurate and stable.
- * Software: Self-developed core algorithm, with independent intellectual property rights, flexible use of multiple calculation methods.

Technical Parameters

Model	BK-EL10C
MeasurementChannel	Vertical 8 optical channels;
Wavelength Range	400～800 nm
Filter	Standard four wavelengths of 405, 450, 492, 630nm; can be installed up to ten wavelengths (optional)
ReadingRange	0.000～4.000 Abs
LinearRange	0.000～3.000 Abs
Repeatability	CV≤1.0%
Stability	≤±0.003Abs
AbsorbanceAccuracy	Absorbance value [0.0~1.0], error≤±0.02Abs
	Absorbance value [1.0~2.0], error≤±0.03Abs
WavelengthIndicationError	≤±2nm
WavelengthRepeatability	≤±1.5nm
Sensitivity	≥0.01 mg/L
ChannelDifference	≤0.02Abs
VibrationPlateFunction	3 kinds of vibration platefunction , adjustable 0~255 s ,
Display	10.1-inch Large Touch Screen
InputPower	60VA
PowerSupply	AC220V, 50Hz
Interface	RS-232
PackingSize (W*D*H)	535mm*395mm*395mm
Gross Weight	13kg