

## Elisa Microplate Reader



BK-EL10A



BK-EL10B



BK-EL10C



BK-EL10D

### Features:

- 10.1-inch large touch screen operation. (Except BK-EL10B)
- High precision and accurate results.
- Software: Single wavelength and double wavelengths detection methods.

### Parameters:

Model	BK-EL10A	BK-EL10B	BK-EL10C	BK-EL10D
Measurement Channel	Vertical 8 optical channels			
Plate Type	96-well microplate			
Wavelength Range	400 ~ 750nm			340 ~ 850nm
Filter	Standard 4 wavelengths of 405, 450, 492, 630nm(BK-EL10A, BK-EL10B, BK-EL10C) Standard 5 wavelengths of 340, 405, 450, 492, 630nm(BK-EL10D) Optional: Up to 10 wavelengths.			
Reading Range	0.000 ~ 3.000Abs			
Linear Range	0.000 ~ 3.000Abs		0.000 ~ 4.000Abs	0.000 ~ 4.500Abs
Resolution	0.0001Abs			0.000 ~ 3.500Abs
Repeatability	CV≤1.0%			
Stability	≤±0.005Abs			CV≤0.2%
Sensitivity	≥0.01 mg/L			
Channel Difference	≤0.02Abs		≤±0.003Abs	
Vibration Plate Function	3 kinds of vibration plate function, adjustable 0~255s(BK-EL10A, BK-EL10B, BK-EL10C) 5 kinds of vibration plate function, adjustable 0~255s(BK-EL10D)			
Incubation Function	Time Range: 0~60min Temp. Range: RT +4℃~50℃ (Only for BK-EL10D)			
Software (Standard)	Detection Mode	Single/double wavelength		
	Qualitative	Open CUT-OFF decision formula, supporting the input of judgment condition, validity condition input, grey area setting and other functions		
	Quantitative	Support linear, Semi-log, natural logarithm, log-log, point-to-point, four-parameter equation and other quantitative analysis fitting algorithms		
Others	Display	10.1 inch color touch capacitive screen(BK-EL10A, BK-EL10D) 10.1 inch resistive touchscreen(BK-EL10C)		
	Operating Mode	Touch screen operation, equipped with capacitive stylus, support for external keyboard and mouse(BK-EL10A, BK-EL10D)		
	Printer(Optional)	BK-EL10A, BK-EL10D: Support external USB, RJ45 network port and other universal interface printer (A4 printer can be optional) BK-EL10B: Workstation software supports normal printer(A4 printer can be optional) BK-EL10C: Workstation software supports normal printer(A4 printer and thermal printer can be optional)		
	Interface	USB2.0*4, RJ45 network port *1, RS-232*1(BK-EL10A, BK-EL10D) RS232 serial port(BK-EL10B) RS-232*2 (standard RS232 to USB cable)(BK-EL10C)		
Power Supply	AC100~240V, 50/60Hz			
Instrument Size(W*D*H)	450*320*300mm	450*320*190mm	450*320*300mm	495*340*370mm
Package Size(W*D*H)	540*400*460mm		585*425*405mm	
Net/Gross Weight	13/15kg	10/12kg	11/13kg	12/14kg

## Elisa Microplate Washer

### Feature:

- Microcomputer control, automatically complete the plate washing operation.
- The liquid level sensing function automatically detects the liquid level, and automatically alarms when the cleaning liquid is insufficient and the waste liquid is overflowing.
- The user-friendly operating system allows users to customize the plate type, set the number of washes, the amount of wash solution, the way to wash the plate, the suction point, the soaking and shaking time and other parameters.
- The wash head is self-balancing, has two-point aspiration, and performs bottom flushing.
- 2 kinds of Automatic washing, Soaking and Shaking, to reduce the interference adsorption during the reaction; time adjustable.



BK-9613



BK-9622

### Parameters:

Model	BK-9622	BK-9613
Cleaning Head	8 channels and 12 channels	96 pins, single row controllable
Microplate Types	Four kinds, flat bottom, U bottom, V bottom, round bottom	
Average Residue	<1µl(per hole)	<0.7µl(per hole)
Liquid Suction Time	0.1~999.9 seconds adjustable, with an interval of 0.1 seconds	
Line Flush Time	1~999 seconds, adjustable	
Washing Programs	Up to 200 programs	
Display	7-inch touch display	
Liquid Injection Channels	3 (2 types of lotion and 1 type of distilled water)	
Cleaning Needle Position	6 types (horizontal, left, middle, right, bottom, hole spacing)	
Consumption	80W	350W
Power Supply	AC220V±10%, 50/60Hz; 110±10%, 60Hz	
Packing Size(W*D*H):	720*480*400mm	740*675*562mm
Gross Weight	20kg	42kg