



[www.scilution.co.th](http://www.scilution.co.th)  
[sales@scilution.com](mailto:sales@scilution.com)  
 02-964-8018 Line ID : @scilution

## Elisa Microplate Reader



BK-EL10A



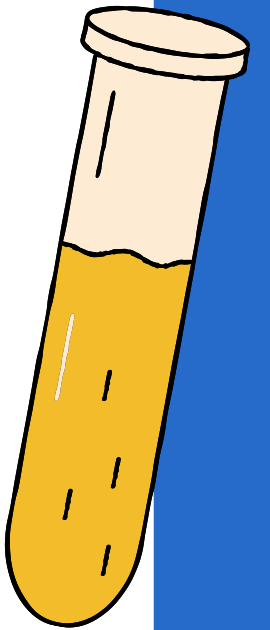
BK-EL10B



BK-EL10C



BK-EL10D



- 8-channel vertical optical system.
- Reading speed of 7 seconds.
- 10.1-inch large touch screen operation.(Except BK-EL10B)
- Hardware : ARM architecture high-performance low-power.
- Processor, with ADI high-precision AD conversion chip, the measurement is more accurate and stable.
- Software: Single wavelength and double wavelengths detection methods.
- Software: Self-developed core algorithm, with independent intellectual property rights, flexible use of multiple calculation methods.
- High precision and accurate results.

**BIOBASE**

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		0.000 ~ 4.000Abs	0.000 ~ 4.500Abs
Linear Range	0.000 ~ 3.000Abs			0.000 ~ 3.500Abs
Resolution	0.0001Abs			
Repeatability	CV≤1.0%			CV≤0.2%
Stability	≤±0.005Abs		≤±0.003Abs	
Sensitivity	≥0.01 mg/L			
Channel Difference	≤0.02Abs			
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°C~50°C (Only for BK-EL10D)			
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	610*440*475mm
Net/Gross Weight	13/15kg	10/12kg	11/13kg	12/14kg