BioLAB

PRODUCT CATALOG



# ELISA MICROPLATE READER BEM-42204

CE ISO9001 CERTIFIED

www.biolabscientific.com

# MICROPLATE READER BEM-42204

ELISA MICROPLATE READER



1. 10.1-inch large touch screen operation.
2. High precision and accurate results.
3. Software: Single wavelength and double wavelengths detection methods.

## SPECIFICATIONS

| Model | BEM-42204 |
|---|---|
| Measurement Channel | Vertical 8 optical channels |
| Plate Type | 96-well microplate |
| Wavelength Range | 340~850nm |
| Filter | Standard 5 wavelengths of 340, 405, 450, 492, 630nm |
| Linear Range | 0.000~3.500Abs |
| Reading Range | 0.000~4.000Abs |
| Resolution | 0.0001Abs |
| Repeatability | CV≤0.2% |
| Stability | ≤±0.003Abs/10min |
| Sensitivity | ≥0.01L/mg |
| Channel Difference | ≤0.02Abs |
| Vibration Plate Function | 5 kinds of vibration plate function, adjustable 0~255s |
| Incubation Function | Temp. Range: RT+4°C~50°C |
| 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 |
| Display | 10.1-inch color touch capacitive screen |
| Operating Mode | Touch screen operation, equipped with capacitive stylus, EL10DAsupport for external keyboard and mouse |
| Printer(Optional) | Support external USB, RJ45 network port and other universal interface printer( A4 printer can be optional) |
| Interface | USB 2.0*4, RJ45 network port*1, RS-232*1 |
| Power Supply | AC100~240V, 50/60Hz |
| Instrument Size(W*D*H) | 495*340*370mm |
| Package Size(W*D*H) | 610*440*475mm |
| Net/Gross Weight | 12/14kg |
| Alt Name | ELISA Microplate reader |



Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com