BioLAB

PRODUCT CATALOG



AUTOMATIC ELISA PROCESSOR BEM-42101

CE ISO9001 CERTIFIED

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ELISA ANALYZER BEM-42101

AUTO ELISA PROCESSOR



1. 1 robotic arm, 2 pipetting probes(10~1000μl).
2. 4 units 96 well microplates(independent incubating).
3. 1 unit reader&washer(auto reading and washing).

SPECIFICATIONS

Model	BEM-42101
Sample Unit :	
Sample Racks	Standard 192 sample positions(expandable, up to 552)
Pipetting	10~1000μl
Dispensing System	2 aspirating and dispensing probe(X-Y-Z movement)
Reagent Unit :	
Reagent Position	23 reagent racks, editable
Pipetting Range	10~1000μl, 1μl stepping
Pipetting Precision	(100μl)CV≤1.0%
Washing Unit :	
Dispensing Time	4 minutes to whole 96 to microplates
Washing Probes	Two line 8-nozzle manifolds
Wash Containers	Cleaning fluid(15L), waste water(25L), Buffer 1(5L), Buffer 2(2L),Buffer 3(2L), Buffer 4(2L), with liquid level-sensing, liquid shortage and full alarm
Waste Containers	25L with waste full sensor
Washing Residual	<2μl
Reading Unit :	
Reading Channels	8 independent photometric channels, mono anddichromatic reading
Absorbance	0.0~3.00D
Spectral Range	400~700nm
Optical Filters	2 standard filters(450, 630nm); 2 more on request (405nm/450nm/492nm/630nm)
Reading Accuracy	±1% from 0~1.50D, ±2% from 1.5~3.00D
Incubation Unit :	
Incubators	4 independent units
Temperature Range	RT to 45℃
Temperature Accuracy	±0.5℃
Data Management :	
Software System	Above Windows 7 system
LIS System	Bi-direction, support HL7 protocol
Results	Absorbance and results reviewable by software
Printer	External optional
Working Conditions :	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 400W
Temperature	10~30℃

Humidity	30%~80%
Size&Weight :	
External Size(W*D*H)	1235*705*875mm
Net Weight	146kg
Package Size(W*D*H)	1380*860*1415mm
Gross Weight	220kg
Alt Name	Auto ELISA Processor

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