





Instrument Software Module:

-  **Humanized software functions**
 Reagent loading and sample operation are convenient and intuitive
 Intuitive display of sample status in testing
 Support checking experiment results by sample or project
-  **Reagents and consumables status warning**
 Accurately record the use of reagents for each project
 Accurately record the remaining amount of consumables
 Timely alarm when the remaining consumables is insufficient
-  **Simple and intuitive quality control process**
 Convenient addition of quality control experiments
 Intuitive display of quality control results
 Support various forms of T-P chart and L-J chart
-  **Convenient and flexible maintenance functions**
 The maintenance program is comprehensive
 Individual maintenance work can be flexibly chosen
 Daily, monthly and yearly maintenance work is clearly distinguished

Technical Parameter:

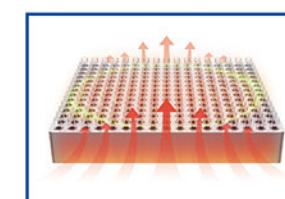
Model	BK12200
Throughput	240T/H
Principle	Magnetic particle enzymatic chemiluminescence
Modes of Operation	Random, Batch and STAT
Separation Method	Magnetic separation technology
Sample Positions	60 (Each position could be used as an emergency position)
Reagent Positions	25 pcs (2-8°C refrigeration)
Incubation Positions	90
Time to 1st Result	12min
Sample Volume	10-200µl
Detection Precision	CV≤3%
Carry-over Rate	≤10 ⁻⁵
Correlation Coefficient	r≥0.99
Calibration Stability	28 Days
Calibration Type	6/7-point calibration
Software System	Comes with a screen, Linux system
	Bi-direction, support HL7 protocol
	Intuitive User Interface, Intelligent Data Management
Interface	TCP/IP Network interface
Other Function	Liquid level detection
	Anti-collision function
	Sample barcode scanning
	Intelligent alarm prompt
Power Supply	AC 100-240V, 50/60Hz
External Size (W*D*H)	1000*685*750
Net Weight	132kg
Package Size (W*D*H)	1338*838*954mm
Gross Weight	201kg

Automatic Chemiluminescence Immunoassay System BKI5800



Introduction:

The chemiluminescence immunoassay system uses magnetic particle separation technology, which uses magnetic particles as antibody carriers. These particles can be evenly distributed in the liquid phase reaction system, enabling faster reaction speed and higher efficiency. Using the enzymatic chemiluminescence method, the light signal is more stable. It adopts a new generation of enzymatic substrates, with higher sensitivity and faster luminescence.



Incubation Position
 A total of 238 incubation positions, 37±0.1°C, dry bath heating



Reagent Tray
 Double reagent disks, 50 reagent positions, 2-8°C cold storage



Sample Loading Module-Sample Scanning
 350 sample positions, 450 samples delivered per hour



Dual-substrate Design

Features:

1. Innovative Design, Accelerated Detection

Detection speed of 600T/h, first results within 18 minutes. Solid-state direct heating incubation ensures more stable and precise temperature control. Dual-channel design for more efficient sample loading.

2. Intelligent and Convenient for a Better Experience

User-friendly design with a rocker arm display and one-button power on/off. Bulk loading of reaction cups, one-button loading of consumables, dual-bottle substrate backup, and convenient and quick operation. RFID function makes reagent loading even more convenient.

3. Highly Integrated and Stable Performance

Highly integrated design with a small footprint. CV value ≤ 3%, high precision. Intelligent needle cleaning technology combined with scheduling control technology ensures cleaner cleaning.

4. Compatible with Interconnectivity

Supports 1-4 units for online expansion to meet various testing needs. Equipped with rich interfaces, it supports network functionality and allows for remote upgrades after networking.

Parameters:

Model	BKI5800
Throughput	600T/H
Principle	Magnetic particle enzymatic chemiluminescence
Modes of Operation	Random, batch and STAT
Separation Method	Magnetic separation technology
Sample Positions	350pcs(Each position could be used as an emergency position)
Reagent Positions	50pcs(2-8°C refrigeration)
Incubation Positions	238pcs
Time to 1 st Result	18min
Sample Volume	10~200µl
Detection Precision	CV≤3%
Carry-over Rate	≤10 ⁻⁵
Correlation Coefficient	r≥0.99
Calibration Type	6/7-point calibration
Software System	Comes with a screen, windows system; Bi-direction, support HL7 protocol; Intuitive user interface; Intelligent data management
Interface	TCP/IP Network interface
Other Function	Sample barcode scanning, reagent RFID, vertical anti-collision needle, liquid level detection, intelligent alarm, automatic dilution function, automatic retesting, and clot detection.
Power Supply	AC110/220V, 50/60Hz, 1550VA
External Size (W*D*H)	972*1225*1495mm; 1505*1225*1245mm
Net Weight	160kg; 500kg
Package Size (W*D*H)	1410*1350*1170mm; 1685*1410*1460mm
Gross Weight	235kg; 600kg

Reagent Product Menu:

* means upcoming item

Thyroid	TSH	Renal Function	β2-MG	
	TT4		Rheumatoid	Anti-CCP
	TT3		Liver fibrosis	CIV
	FT4			HA
	FT3			P III NP
	TgAb			LN
	TPOAb		Anemia	FA
	TG			VB12
Anti-TSHR	FERRITIN			
Fertility	β-HCG	Growth	GH	
	E2		IGF-I*	
	P	Glycometabolism	INS	
	T		C-P	
	PRL	Pepsinogen	PG I	
	FSH		PG II	
	LH	Inflammation	PCT	
	DHEA-S		IL-6	
SHBG	Early screening	FE3		
AMH		Free β-HCG		
Hypertension	ALD	Bone Metabolism	BGP	
	ACTH		25-OH-Vit-D	
	Cortisol		iPTH	
	Renin		PINP*	
	A II*	Infectious	CT	
	CA125		HBeAb*	
	CA15-3		HBeAg*	
	CA19-9		HBcAb*	
	AFP		HBsAb*	
	CEA		HBsAg*	
	t-PSA		Anti-HBc IgM*	
	f-PSA		HIV Ag/Ab*	
	CA72-4		Anti-TP*	
	SCC		Anti-HCV*	
CA242				
CA50				
NSE				
CYFRA21-1				
Tumor marker	HE4			
	ProGRP			
	Cardiac marker	cTnl		
		NT-proBNP		
		CK-MB		
MYO				