

Hotgen 



# COMPACT AUTOMATIC CHEMILUMINESCENCE IMMUNOASSAY SYSTEM



 MQ 60 smart

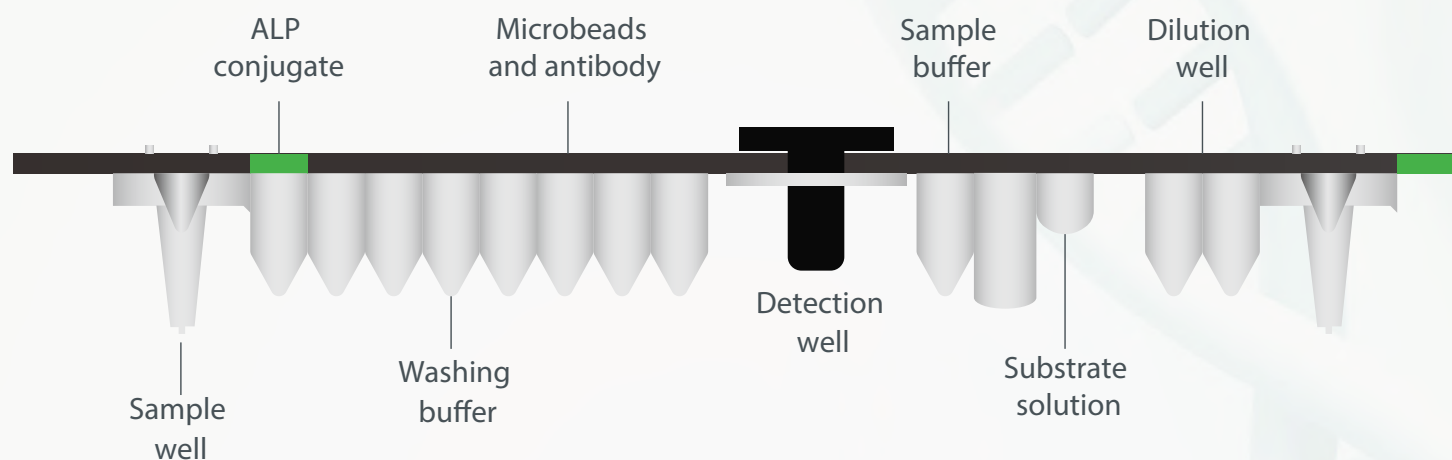


 MQ 60 proB



 MQ 60 plus

MQ60 series mono-test automatic chemiluminescence immunoassay analyzers adopt chemiluminescence enzyme immunoassay technology with magnetic particle technology, through detecting the analyte substrate luminous intensity, to calculate the analyte concentration.



### **PRECISE**

- ALP-AMPPD magnetic particle chemiluminescence
- Multiple quality controls available
- CV batch-to-batch  $\leq 5\%$

### **FLEXIBLE**

- Free parameters combination
- Standalone testing units

### **ECONOMY**

- Single cartridge, no hidden cost
- No liquid circuit, limited maintenance

### **COMPACT**

- Compact design suitable for small to large laboratories, clinical departments
- Diverse parameters covering cardiac diseases, tumor markers, fertility, thyroid, etc.

### **USER-FRIENDLY**

- Large touch screen
- Fully automated, simple steps for operation

## **Application**



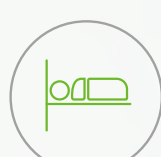
HOSPITAL



LABORATORY



CLINICS



CLINICAL DEPTS



**MQ 60 smart**

Analyzer Type	Fully automated Bench-top CLIA analyzer (MQ60 smart)
Sample type	Human serum, plasma, whole blood, urine, cerebrospinal fluid
Host size	300mm x 565mm x 610mm (lengthxwidthxheight)
Host weight	30.0kg
Display	10.1 inch touch screen
Languages	English
Mode	Batch mode
Channel	6 channels
Throughput	24 tests/hour
Power supply	Voltage: AC 100-240V~
Temperature control of incubation module	Temperature stability: 37°C ± 0.5°C Temperature fluctuation: not more than 0.5°C
PC	Integrated
Printer	Internal thermal printer
Storage	Result storage >1 million
Standby	24 hours operation standby
Data management	LIS/HISconnection

Analyzer Type	Fully automated Bench-top CLIA analyzer(MQ60 proB)
Sample type	Human serum, plasma, whole blood, urine, cerebrospinal fluid
Host size	660mm x 750mm x 600mm (lengthxwidthxheight)
Host weight	80.0kg
Display	13.3 inch touch screen
Languages	English
Mode	Batch mode, STAT mode
Channel	2 modules, 12 channels
Throughput	48 tests/hour
Power supply	Voltage: AC 100-240V~
Temperature control of incubation module	Temperature stability: 37°C ± 0.5°C Temperature fluctuation: not more than 0.5°C
PC	Integrated
Printer	Internal thermal printer
Storage	Result storage >10 million
Standby	24 hours operation standby
Data management	LIS/HISconnection



**MQ 60 proB**

Panel	Parameter	Qualification	Sample Type	Panel	Parameter	Qualification	Sample Type
Cardiac	hs-cTnT		S/P/WB	Growth Hormone	GH	NMPA	S/P
	hs-cTnl	NMPA, CE, ANVISA	S/P/WB		IGFBP-3	NMPA	S/P
	CK-MB	NMPA, CE, ANVISA	S/P/WB		IGF-1		
	MYO	NMPA, CE, ANVISA	S/P/WB	Diabetes	HbA1c	NMPA, CE	WB
	H-FABP	NMPA, CE	S/P/WB		C-P	NMPA, CE	S/P
	Lp-PLA2	NMPA, CE	S/P/WB		INS	NMPA, CE	S/P
	NT-proBNP	NMPA, CE, ANVISA	S/P/WB		ADP	NMPA	S/P
	BNP	NMPA	S/P/WB		GADA	NMPA, CE	S/P
	ST2	NMPA, ANVISA	S/P/WB		IA-2A	NMPA, CE	S/P
	cTnl	NMPA	S/P/WB		IAA	NMPA, CE	S/P
D-Dimer	NMPA, CE	P/WB	ICA	NMPA, CE	S/P		
Inflammation	PCT	NMPA, CE, ANVISA	S/P/WB	Hypertension	Cortisol	NMPA, CE	S/P/Urine
	PCTm	NMPA	WB		ALD	NMPA, CE	S/P
	CRP	NMPA, CE	S/P/WB		Renin	NMPA, CE	P
IL-6	NMPA, CE, ANVISA	S/P/WB	ACTH		NMPA	P	
Tumor	CEA	NMPA, CE	S/P	Bone Metabolism	25-OH-VD	NMPA, CE	S/P
	CA125	NMPA, CE	S/P		PTH	NMPA, CE	S/P
	HE4	NMPA, CE	S/P		BGP	NMPA, CE	S/P
	CYFRA21-1	NMPA, CE	S/P		Total P1NP	NMPA	S/P
	CA15-3	NMPA, CE	S/P	β-CTx	NMPA	S/P	
	CA242	NMPA, CE	S	Anti-CCP	NMPA	S/P	
	CA19-9	NMPA, CE	S/P	Rheumatoid Arthritis	RF-IgA	NMPA	S/P
	CA72-4	NMPA, CE	S/P		RF-IgM	NMPA	S/P
	CA50	NMPA	S/P		RF-IgG	NMPA	S/P
	NSE	NMPA, CE	S	Cytokine	IL-2	NMPA, CE	S
	proGRP	NMPA	S/P		IL-4	NMPA	S/P
	SCCA	NMPA	S/P		IL-5	NMPA	S
	tPSA	NMPA, CE	S/P		IL-8	NMPA, CE	S
	VEGF	NMPA	S		IL-10	NMPA, CE	S
	fPSA		S		IL-1β	NMPA, CE	S
	TK1		S		TNFα	NMPA, CE	S
	Liver Disease	AFP	NMPA, CE		S/P	IL-2R	NMPA
AFP-L3%		NMPA, CE	S/P		IL-17A	NMPA	S/P
DCP		NMPA, CE	S		IFN-γ	NMPA	S/P
GP73		NMPA, CE	S/P	IL-12p70	NMPA	S	
CK18-M30		NMPA	S	IL-22	NMPA	S	
CK18-M65		NMPA	S	TORCH	Toxo IgG		
G-17	NMPA, CE	S/P	Toxo IgM				
Gastric Function	PGI	NMPA, CE	S/P		RUB IgG		
	PGII	NMPA, CE	S/P		RUB IgM		
Renal Function	NGAL	NMPA, CE	S/Urine		CMV IgG		
	CysC	CE	S/P/WB		CMV IgM		
Brain Injury	β 2-MG		S		HSV-1/2 IgG		
	S100	NMPA	S		HSV-1/2 IgM		
Anemia	Ferr	NMPA, CE	S/P		HSV-1 IgG		
	VB12	CE	S/P		HSV-1 IgM		
Thyroid	FA			HSV-2 IgG			
	TSH	NMPA, CE, ANVISA	S/P	HSV-2 IgM			
	TT4	NMPA, CE	S/P	PCT STAT			
	TT3	NMPA, CE, ANVISA	S/P	H-FABP STAT			
	FT4	NMPA, CE, ANVISA	S/P	NGAL STAT			
	FT3	NMPA, CE, ANVISA	S/P	MYO-STAT			
	Anti-TG	NMPA, CE	S/P	BNP-STAT			
	Anti-TPO	NMPA, CE	S/P	IL-6-STAT			
	TG	NMPA	S/P	D-Dimer STAT			
Sex Hormone	Anti-TSHR			NT-proBNP STAT			
	FSH	NMPA, CE	S/P	hs-cTnl STAT			
	E2	NMPA, CE	S/P	CK-MB STAT			
	T	NMPA, CE	S/P	HBsAg			
	P	NMPA, CE	S/P	HCV-Ab			
	LH	NMPA, CE	S/P	HIV-Ab/Ag			
	PRL	NMPA, CE	S/P	TP-Ab			
	AMH	NMPA, CE	S				
	β -HCG	NMPA, CE	S/P				
Inhibin B							