SPECIFICATIONS

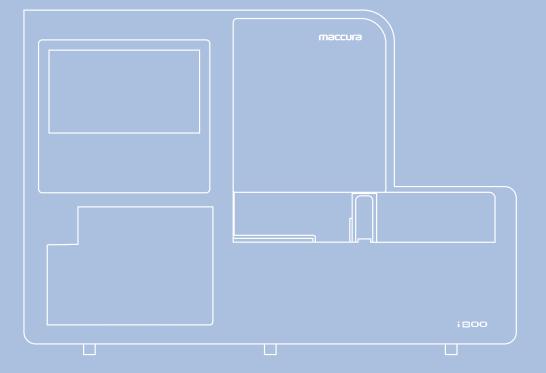|	
Performance	Technology: Automatic /single tube Principle: Acridinium. Ester (AE) Direct Chemiluminescence immunoassay technology. Throughput: 200 Tests/h for one module. Time to the first result: 14min.
Sample Module	Sample loading capacity: 50, loading with sample racks. Automatic retest, STAT samples could be placed randomly and tested preferentially.
Sample Loading System Module	Sample carry-over ＜0.1ppm Foam/Clot and Liquid level detection / Volume tracking / Collision-avoidance Sample type: Serum /Plasma /Whole blood /Urine
Reagent Module	20 reagent positions Information management through Radio Frequency Identification Card (RFID) Real-time, onboard mixture of magnetic beads Reagent online replacement
Reagent Refrigerator	Temperature: 2-8 ºC
Detection Module	Reaction temperature: 37ºC Mode: Compatible with the common immunoreaction Mixing: Non-contact Stir Magnetic separation: Multiple magnetic separation technology
Function	Operation system: Windows 7 and above Display: LCD touch screen Remote diagnosis system Automatic startup & shutdown Bi-directional communication
Environmental Requirements	Temperature: 10ºC-30ºC Humidity: 30%-70% Altitude: -200m-3700m

WEBSITE   WECHAT

2023-07-04 i 800

i800

maccura

AUTOMATIC CHEMILUMINESCENCE ANALYZER

i 800

Touch screen operation.
External mouse and keyboard
can be connected

20 refrigerated reagent
positions, temperature: 2-8 ºC

Small size

More efficiency

AE-based CLIA

Reliable

Technology

Used cuvettes recycling to
separate the solid and liquid,
which will efficiently reduce
the biological safety risks.

RFID management for
activators
Special design to prevent
the activators to be placed
incorrectly.

Random Access
Dedicated STAT positions, STAT
sample can be detected emer-
gency.

i 800 Automatic Chemiluminescence Analyzer uses Magnetic Particle based Acridini-
umEster (AE) direct chemiluminescence technology, meets the detection requirements of
various application scenarios.
It is able to meet the needs of a wide range of applications in a footprint of only 0.52 m².
The fastest analysis speed of 200 tests/hour is a signifcant advantage among similarly
positioned models.
With 20 reagent stations with refrigerated function, it can be used as the main model for
routine projects in primary laboratories and special models for emergency outpatient
projects in medium and large laboratories.

Features of reagents

i 800 Automatic
Chemiluminescence Analyzer
200T/H

AE Reagents

Hundreds of reagents meet a variety
of clinical needs

Excellent performance for infectious
items

Broad autoimmune testing
Long open-vial stability

Test Menu

INFECTIOUS DISEASES		AUTOIMMUNE ANAS		TUMOR MARKERS		ANEMIA
HBsAg	anti-HAV IgM	SSA(Ro52)	AMA-M2	AFP	NSE	Ferritin
HBsAb	anti-HBc IgM *	SSA(Ro60)	CENP-B	CEA	CYFRA21-1	Folate
HBeAg	HBV PreS1	SSB(La)	Rib-P	CA125	SCC	VB12
HBeAb	anti-HDV IgM *	Sm	dsDNA	CA15-3	CA50	
HBcAb	anti-HDV IgG *	Jo-1	Nuc	CA19-9	pro-GRP	ALLERGY
HIV Ag/Ab	anti-HEV IgM *	Sm/RNP	PCNA	t-PSA	CA242	
anti-TP	anti-HEV IgG *	Scl-70	PM-Scl	f-PSA	CA72-4	IgE
anti-HCV		His			HE4	

PRENATAL SCREENING		THYROID FUNCTION		TORCH EUGENICS		HYPERTENSION
AFP		TSH	anti-TPO	TOXO IgG	CMV IgM *	ALD
uE3 *		FT4	anti-TG	TOXO IgM	HSV 1 IgG	Renin
Freeβ-HCG *		TT4	TRAb *	Rubella IgG*	HSV 2 IgG	Corti
PAPP-A *		FT3	Tg	Rubella IgM*	HSV 1 IgM	ACTH
		TT3	Calcitonin	CMV IgG *	HSV 2 IgM	Angio-2 *

SEX HORMONES		CARDIAC MARKERS		AUTOIMMUNE HEPATOSIS*	INFLAMMATION
LH	AMH	CK-MB	BNP	AMA-M2	PCT
FSH	hGH	cTnI	GDF-15	LKM	IL-6
PRL	β-HCG	Myo	hs-CRP	sp100	
Prog	17-OH Prog *	NT-Pro BNP	hs-cTnT *	SLA	GLYCOMETABOLISM
Tes	DHEA-SO4 *	D-dimer	hs-cTnI *		C-Peptide
E2					Insulin

AUTOIMMUNE RHEUMATIC DISEASE		AUTOIMMUNE DIABETES*		BONE METABOLISM
anti-CCP		IAA	ICA	25-OH VD
RF		GADA	IA-2A	iPTH