

Compass 2000™

Dry Biochemical Analyzer



Care Your Health See More Happiness

www.konsung.com

86-511-86375968 Email: info@konsung.com

JIANGSU KONSUNG BIO-MEDICAL SCIENCE AND TECHNOLOGY CO.,LTD



Test cards



Lipids+Glucose

Linearity Range:	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma
	TG	0.51~7.34 mmol/L	Sample Volume: 45µL
	HDL-C	0.39~2.59 mmol/L	Testing time: 3 mins
	GLU	2.0~18.0 mmol/L	



Screening of blood donors

Linearity Range:	Hb	45~256g/L	Sample: Serum, whole blood, plasma
	ALT	100~800 U/L	Sample Volume: 45µL
			Testing time: 2 mins



Screening for Metabolic diseases

Linearity Range:	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma
	UA	120~1200 mmol/L	Sample Volume: 45µL
	GLU	2~18 mmol/L	Testing time: 3 mins



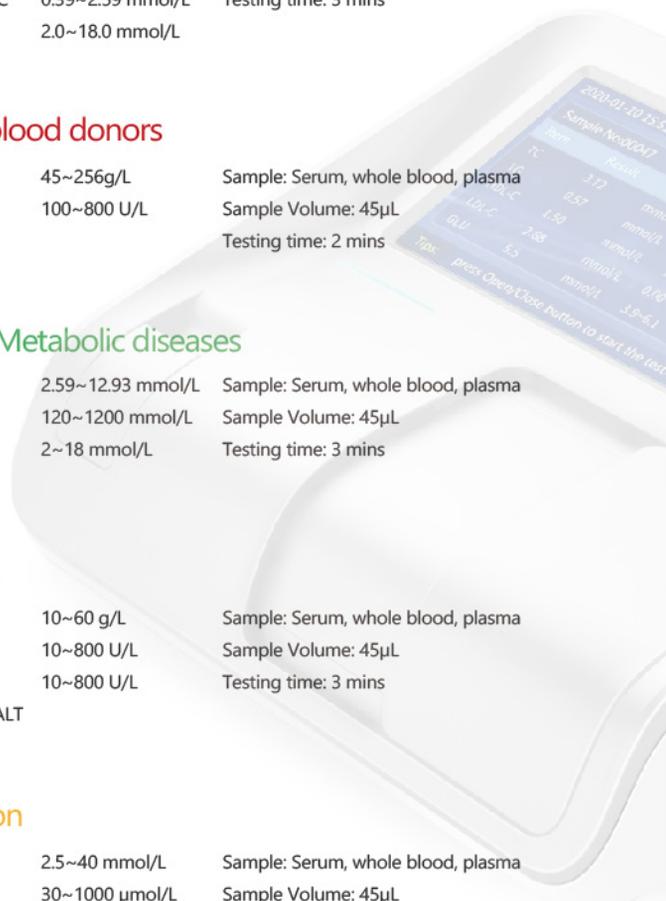
Liver Function

Linearity Range:	ALB	10~60 g/L	Sample: Serum, whole blood, plasma
	ALT	10~800 U/L	Sample Volume: 45µL
	AST	10~800 U/L	Testing time: 3 mins
	AST/ALT		



Kidney Function

Linearity Range:	Urea	2.5~40 mmol/L	Sample: Serum, whole blood, plasma
	Cre	30~1000 µmol/L	Sample Volume: 45µL
	UA	120~1200 µmol/L	Testing time: 3 mins
	Urea/Cre		



Analyzer Specifications

Detection method	Photometric detection	Measurement	157.5*145.7*64.6mm
Detection time	≤3mins	Weight	622g
CV	≤10%	Data storage	3000 results
Sample type	Serum, whole blood, plasma	Display	4.3' touch screen
Sample volume	45µL	Storage environment	Temp:-20 ℃ ~60 ℃ ; Rh:10% ~ 90%
Power supply	Adapter input: AC100~240V,50/60Hz,30VA; output5V,2A Built-in Lithium battery: DC3.7±0.3V	Operation environment	Temp:15℃ ~35℃ ; Rh:≤85%

Analyzer Features



12 tests on 1 analyzer



Disposable consumable



≤3 mins testing time



4.3' touch screen

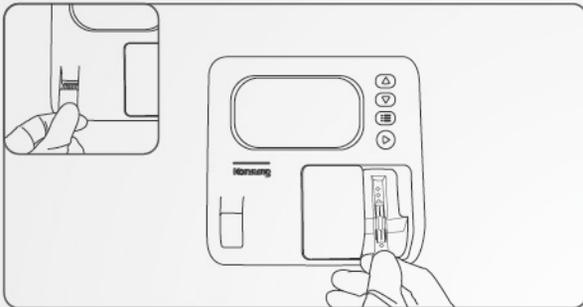


Built-in lithium battery

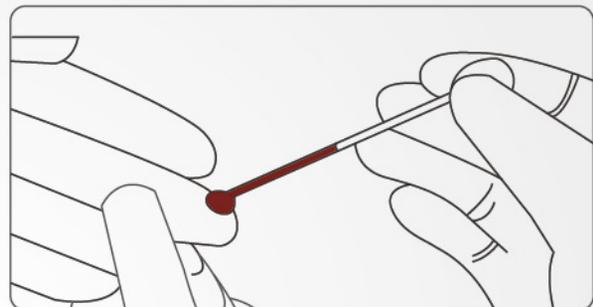


Built-in thermostatic control module

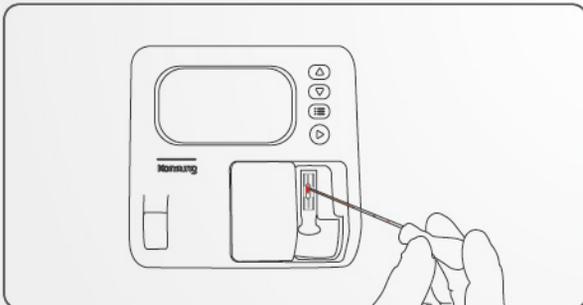
Easy testing procedure



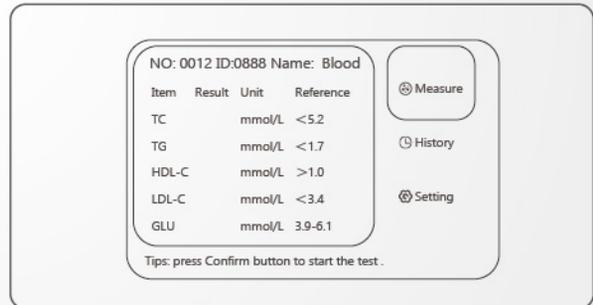
1 Insert the test card after calibration with code chip.



2 Take sufficient amount of blood with pipette.

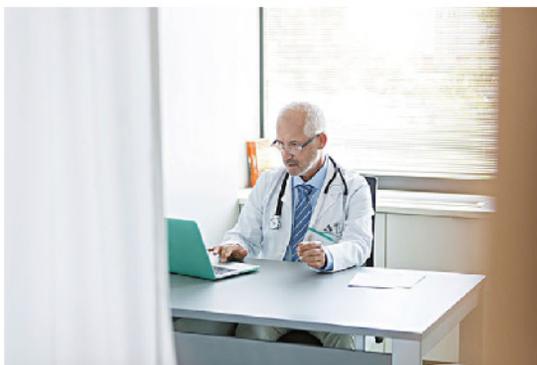


3 Apply the blood sample to the test card and start testing.



4 Check test results after 3 mins.

Application Scenarios



Clinics, family doctors:

Small medical terminals and family doctors are used for disease screening of healthy people and diagnosis of patients' conditions.

Recommended test cards:

Lipids+Glucose, liver function, kidney function



Chronic disease management organization:

Pharmacies, chronic disease management, and health management institutions provide long-term monitoring for patients with chronic disease.

Recommended test cards:

Lipids+Glucose, Screening for Metabolic diseases



Bedside test:

In order to get patient testing data quickly and develop follow-up treatment plan to reduce the sudden death rate for all levels of hospitals emergency and bedside testing.

Recommended test cards:

Lipids+Glucose, liver function, kidney function



Initial screening of blood donors:

Applied in blood stations or blood donation vehicles for initial screening of blood donors who do not meet the requirements of blood donation ($Hb \leq 100$, $ALT \geq 40$)

Recommended test cards:

Screening of blood donors

Ordering Information

Cat. No.	Description	Box Size (cm)	Pcs/box	N.W. (kg)	G.W.(kg)
Compass 2000	Dry Biochemical Analyzer	26.0×19.0×11.0	1	1.19	1.26
DiaCard-1	Test strip for lipid+glucose	13×12×10	50	0.21	0.23
DiaCard-4	Test strip for kidney function	13×12×10	50	0.21	0.23
DiaCard-5	Test strip for metabolism	13×12×10	50	0.21	0.23
DiaCard-6	Test strip for liver function	13×12×10	50	0.21	0.23
DiaCard-8	Test strip for blood screening	13×12×10	50	0.21	0.23