

SmarLumi™



Wondfo
Racing For Life

SmarLumi™ FC-2000 / 2100

Automatic Chemiluminescence

Immunoassay Analyzer

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Product Features

● Flexibility & Efficiency

- STAT mode supported
- Only 0.64 m² footprint with 60 sample positions
- <12 mins for the first result
- High throughput with 200T per hour
- RFID management, easy to load reagents

● Better User Experience

- Built-in touch screen operation
- Bidirectional LIS communication
- Visual management of consumables and reagents
- Cuvettes loading by dumping

● Fully Automatic Analyzer

- Primary tube sampling
- Automatic barcode identification
- Automatic dilution function
- Automatic rerun

● Smart & Accurate Machine System

- The carry-over is ≤ 0.5ppm
- Constant 2-8°C reagent refrigeration
- Needle collision protection and block detection
- Liquid level detection
- Automatic switching of double substrate bottles during the operation

Specification

Model *	FC-2000	FC-2100
Methodology	Chemiluminescence Immunoassay (CLIA)	
Dimension	900 mm * 710 mm * 590 mm	
Weight	140 kg	
Throughput	200 T/h	
Time for first result	< 12 min	
Reagent position	15	25
Reagent specification	50 or 100 T/Bottle	25 or 50 T/Bottle
Reagent refrigeration	2-8°C on board refrigeration	
Sample position	60	
Sample volume	5-150 µL	
Sample type	Whole blood / Serum / Plasma / Urine/ Cerebrospinal fluid	
Test mode	Batch / STAT	
Probe system	Liquid level detection / Block detection / Collision protection	
Storage capacity	≥ 60000 results	
Operation system	Windows 10 / bidirectional LIS compatible	
Dilution function	Support automatic dilution Fixed multiple dilution Exceeded linearity range remeasurement dilution	

* FC-2000 and FC-2100 share the same analyzer outlook.

FC-2000

- More reagent volume
- Larger test volume

FC-2100

- More reagent positions
- More test combinations



TEST MENU

- Available
- In Development

🏠 Cardiac

- cTnT
- BNP
- MYO
- hs-cTnI
- Lp-PLA2
- CK-MB
- NT-proBNP
- MPO
- H-FABP
- ST2
- hs-CRP
- HCY*

🏠 Inflammation

- IL-6
- PCT
- SAA

🏠 Thyroid

- TSH
- FT3
- FT4
- TT3
- TT4
- Anti-TPO*
- Anti-TG*
- Tg*
- CT*
- T-Uptake*
- TBG*
- TRAb*
- TSAb*
- rT3*

🏠 TORCH

- TOXO-IgG*
- TOXO-IgM*
- Rubella IgG*
- Rubella IgM*
- CMV-IgG*
- CMV-IgM*,
- HSV-1-IgG*
- HSV-1-IgM*
- HSV-2-IgG*
- HSV-2-IgM*

🏠 Thrombus

- TM
- TAT
- FDP
- PIC
- t-PAIC
- D-Dimer

🏠 Hypertension

- REN
- Cortisol
- A I
- A II
- ACTH
- ALD

🏠 Gastric function

- G-17
- PGI
- PGII
- HP-IgG*

🏠 Tumor Markers

- CA50
- CA242
- CYFRA21-1
- SCC
- HE4
- NSE
- CA72-4
- CEA
- CA15-3
- CA125
- CA19-9
- ProGRP
- FPSA
- TPSA
- AFP*
- PIVKA-II*

🏠 Liver fibrosis

- HA*
- CIV*
- LN*
- PIIINP*



🏠 Craniocerebral injury

- S100β

🏠 Bone metabolism

- 25-OH VD
- PTH

🏠 Pre-eclampsia

- PLGF
- sFlt-1

🏠 Kidney function

- NGAL

🏠 Anemia

- Ferritin
- Folate
- VB12

🏠 Fertility

- AMH
- β-HCG
- TESTO*
- PROG*
- E2*
- PRL*
- LH*
- FSH*
- InhB*

🏠 Infectious disease

- HBeAg*
- HBeAb*
- HBcAb*
- HBsAg*
- HBsAb*
- anti-TP*
- HIV Ag/Ab*
- HCV*
- M. Pneumonia IgG*
- M. Pneumonia IgM
- Chlamydia pn. IgG*
- Chlamydia pn. IgM*