

Discrete Clinical Chemistry Analyzer

AA01

for Fecal Immunochemical Tests

- 90 tests/hr
- Automatic Dilution & Retest
- Assay Item : Hemoglobin, Transferrin, etc.



FIT Hemoglobin AA01
FIT Transferrin AA01

Simply Place Sample Racks to Start Assay

AA01



STEP 1

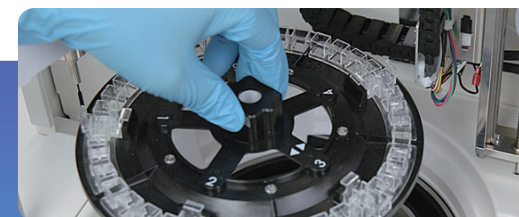
Power ON and Start

The analyzer automatically starts up the system and shows a log-in screen by pushing the power button. After logging-in and priming, the initial screen is displayed.



STEP 2

Set or Exchange Reaction Cells



STEP 3

Place Reagent Bottles and Sample Racks.



STEP 4

Assay Start



STEP 5

Assay Result

Assay status can be checked at assay screen. Assay results are printed in real time. Detailed results and stored data are checked any time in the Measurement Result screen.



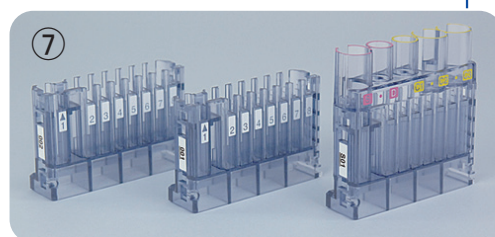
Specimen Collection Container A

Aqua-Blue Buffer to camouflage the specimen and reduce the unpleasantness



Name of Each Part

Bar-Code Available



- ① Built-in printer
- ② Front cover
- ③ Operation panel
- ④ Reagent Table
- ⑤ Power button
- ⑥ Sample stage unit
- ⑦ Racks
- ⑧ Sample dispense probe
- ⑨ Reaction Table
- ⑩ Reagent dispense unit
- ⑪ Place for reagent caps



Basic Specifications

Trade name	Discrete Clinical Chemistry Analyzer AA01
Measurement principle	Colloidal gold agglutination
Processing capacity	90 tests per hour (calculated by 40 sec per cycle)
Sample capacity	Fecal sample: 16, Urine sample: 10 (Two small racks or One large rack)
Sample dilution	Manual setting: Dilution ratio 1/1, 1/10, 1/20, 1/100, 1/200 Automatic setting: Dilution ratio 1/1, 1/10, 1/100
Reaction cells	8 disposable cells x 5 (resin-molded cell)
Sampling	Nozzle type (liquid level detection function, automatic cleaning with detergent and DI-water)
Reagent dispensing	Nozzle type (liquid level detection function, automatic cleaning with detergent and DI-water)
Mixing system	Mixer: Rotation type (automatic cleaning with detergent and DI-water)
Temperature control system	Reaction table: Air bath-heating block Reagent table: Cooling with Peltier cooler
Light source	LED (two wavelengths x 3: 373/610, 465/525, and 660/805 nm)
Sensor	Photodiode x 3
Display and input	7-inch color LCD touch panel display
Data memory	5,000 tests
Printer	Built-in thermal printer (58 mm width rolling paper)
Barcode reader 1	Reading of rack, sample, calibrator, and control barcodes
Barcode reader 2	Reading of reagent and specimen diluent barcodes
Dimensions	W400mm x D575mm x H455mm (System main unit)
Weight	Approx. 38 kg (System main unit)
Required power	AC100-240V 50/60Hz, 300VA (System main unit)

Main accessories

- ◆ Specimen collection container rack (S): 4 pcs
- ◆ Calibrator and control rack: 1 pc
- ◆ Reaction cells: 30 pcs (for 240 tests)
- ◆ DI-water Bottle: 2 pcs
- ◆ Washing solution Bottle: 2 pcs
- ◆ Waste Bottle: 1 pc
- ◆ Bottle holder: 2 pcs
- ◆ Nozzle cleaner: 1 pc
- ◆ Software (CD): 1 pc
- ◆ Power cable: 1 pc
- ◆ Spare fuse: 2 pcs
- ◆ Printer paper: 1 pc
- ◆ User manual for the analyzer: 1 pc
- ◆ Package insert for the reagents: 1 pc
- ◆ ID label sheet for urine sample rack: 1 pc



Washing solution Bottle,
DI-water Bottle, Waste Bottle



Reaction cells

Reagents

Product Name	Product Code	Contents	Storage Temp.	Shelf-Life
FIT Hemoglobin AA01	912240	250 tests R1 buffer, 11mL x 2 R2 colloidal gold solution, 5mL x 2	2-8°C	12 months
FIT Transferrin AA01	912241	250 tests R1 buffer, 11mL x 2 R2 colloidal gold solution, 5mL x 2	2-8°C	12 months
FIT Hemoglobin NS-Prime Calibrator	910870	Calibrator (lyophilized), 1mL x 4 Calibrator Solution, 12mL x 1	2-8°C	18 months
FIT Transferrin NS-Prime Calibrator	911320	Calibrator (lyophilized), 1mL x 4 Calibrator Solution, 12mL x 1	2-8°C	18 months
FIT NS-Prime Control	910873	Control L (lyophilized), 2mL x 5 Control H (lyophilized), 2mL x 5 Control Solution, 30mL x 1	2-8°C	18 months
FIT AA01 Specimen Diluent	912242	Diluent, 8mL x 2	2-8°C	18 months
Wash Solution A	912587	Alkaline Detergent, 500mL x 2	1-30°C	36 months
Specimen Collection Container A	*	*	1-30°C	24 months

* ask your distributor