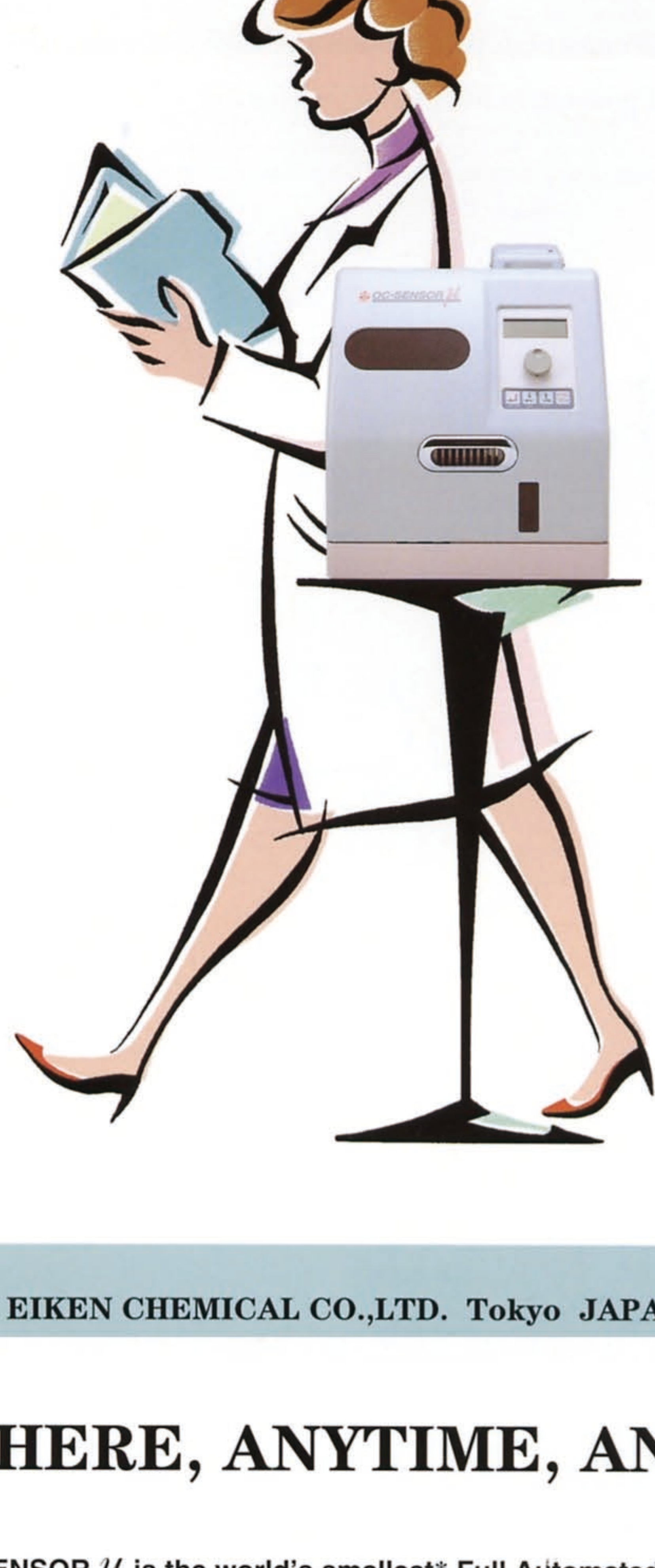


OC-SENSOR μ

FULLY AUTOMATED FECAL OCCULT BLOOD ANALYZER



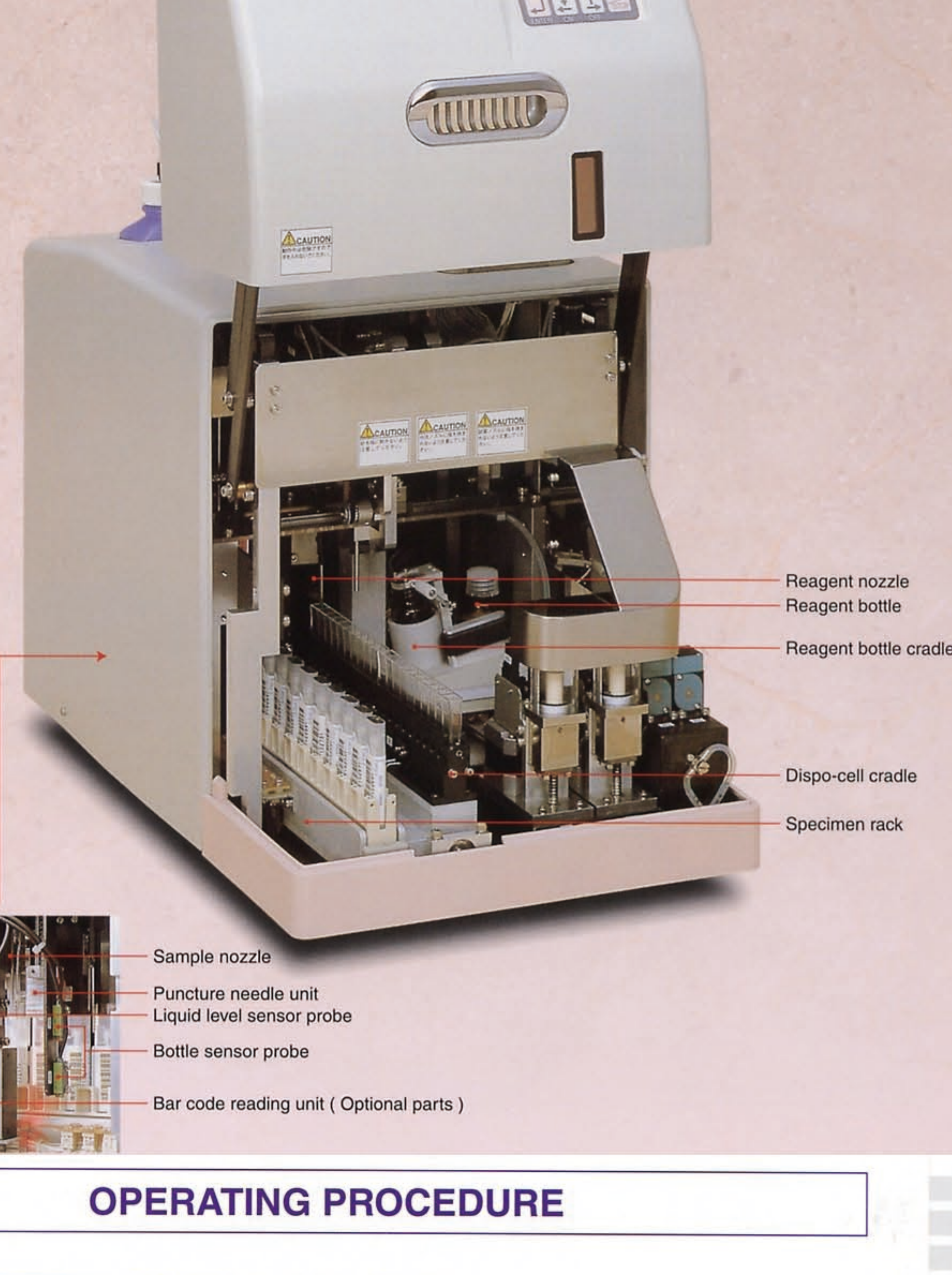
EIKEN CHEMICAL CO.,LTD. Tokyo JAPAN

ANYWHERE, ANYTIME, ANYBODY

OC-SENSOR μ is the world's smallest* Full Automated FOB Analyzer. You can operate in anywhere you want. The size is minimum, but the performance is maximum. OC-SENSOR μ presents you the hygienic and quantitative full-automatic FOB test environment in your laboratory, from old, troublesome, manual and qualitative FOB test environment.

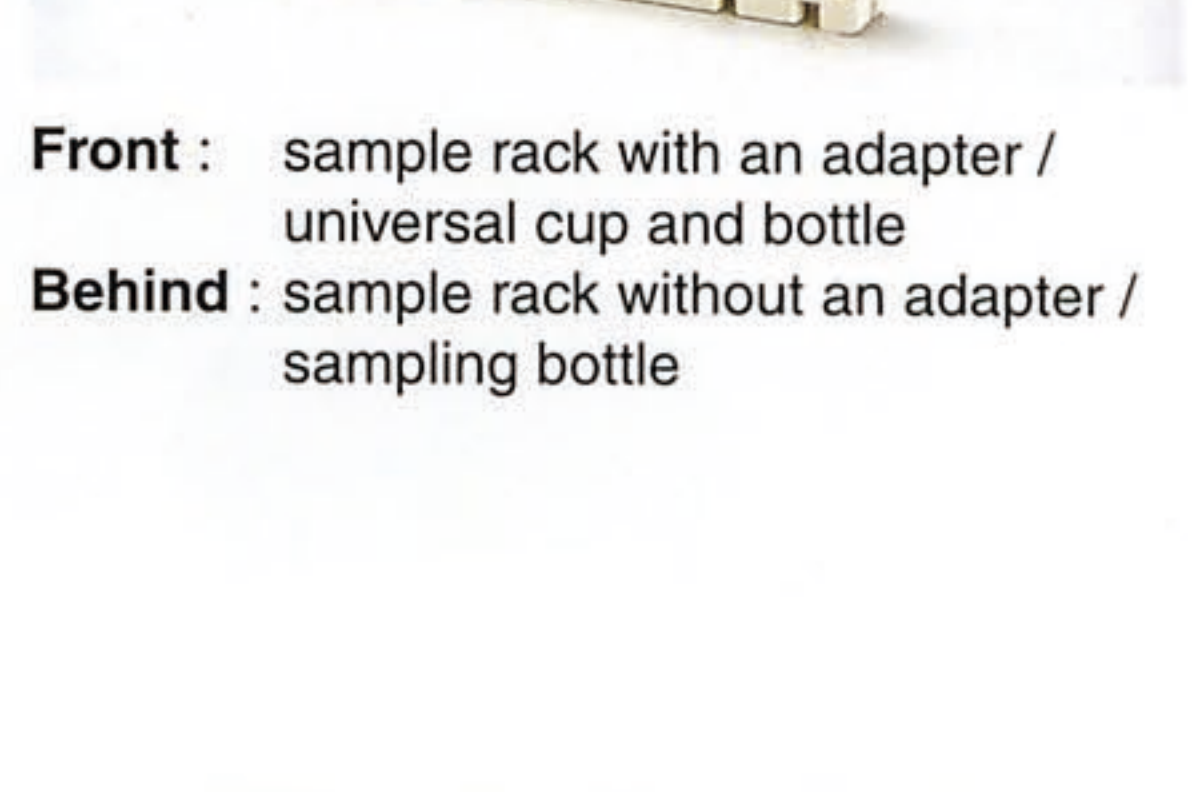


SET & START, EASY OPERATION.



OPERATING PROCEDURE

- Set the reagent bottle**
 ●Perform 100 tests / one bottle.
- Set the disposable cuvette (DISPO-10)**
 ●2 series of DISPO-10 can be set on a rack.
- Set the specimens (max 10 specimens / rack)**
 ●Set the specially designed sampling bottle or / and specimen dispensed universal sampling cup on the rack.
- Start**
 ●Push the start button.
 ●At first OC-SENSOR μ counts automatically the number of cuvette and specimen. You need no input operation.



Front : sample rack with an adapter / universal cup and bottle
 Behind : sample rack without an adapter / sampling bottle

MEASURING



■Result

●Measured results will be printed out about 7 minutes after.

[Print out example]

OC-MICRO 2001.01.01	Current date
001 - 28ng/mL	The concentration (0 to 9999 ng/ml)
123456789012345	OR: The measured concentration is higher than MAX CONC
002 + OR1234ng/mL	Decision flag + : positive - : negative
234567890123456	
003 + 360ng/mL	
004 -	
NO SAMPLE SOL	
005 -	
CELL FULL	

WORLD'S SMALLEST* FULL AUTO.

- COMPACT**
 320mm(W) x 530mm(D) x 421mm(H)
- HIGH PERFORMANCE**
 80 test results per hour.
 First result will come within 7 minutes.
- EASY OPERATION**
 Free from complicated input job.
- AUTO CALIBRATION**
 Calibration curve is created automatically.
- HIGH REPRODUCIBILITY**
 Automatic nozzle washing system reduces cross contamination risks.
- UNIQUE SAMPLING**
 Unique sampling bottle contributes to simplicity and efficiency.

■Specification of OC-SENSOR μ

NAME	Fully automated fecal occult blood analyzer OC-SENSOR μ (micro)
PRINCIPLE	Latex agglutination immuno-turbidimetry
METHOD	One step rate assay
WORKING SPEED	80 specimens / one hour
SAMPLE RACK	10 specimens / one rack
REACTION CUVETTE	Disposable acrylic cuvette with 5mm light path (10 serial cell cuvette, product name: DISPO-10)
SAMPLING SYSTEM	Drawn up by sampling nozzle
REAGENT DISPENSE	Drawn up by reagent nozzle
MIXING SYSTEM	By flushing of reagent solution
THERMOSTATIC SYSTEM	Block heater 37°C
REAGENT STORAGE	Block heater 25°C
LIGHT SOURCE	L.E.D(Light emitting diode) wavelength 660nm
LIGHT DETECTOR	S.P.D(Silicon photodiode)
DATA INPUT	L.C.D(Liquid crystal display) with 20 digit 4 line, Jog dial and 4 key
MEMORY CAPACITY	999 test results
OUTPUT	Built-in thermal printer(Option RS232C)
BAR CODE READER	OPTION
DIMENSION	320mm(W) x 530mm(D) x 421mm(H)
WEIGHT	26kg
POWER REQUIRED	AC120V/150VA, AC220V/150VA
HEAT GENERATION RATE	129kcal/h

- CONTENTS**
 OC-SENSOR μ (micro) one set
 ACCESSORY one set
- DIMENSION**

● Before use, please see attached instruction manual. ● Above specifications may change in order to improve machine performance without notice.

The novel idea is realized by specific sampling bottle.
 Set the sampling bottle on the rack. Machine pushes both side of the sampling bottle. Pushed specimen solution passes through the assembled filter and pours into the sampling cup part. Sampling nozzle draw up the filtered specimen solution from sampling cup part of the sampling bottle.

JAPAN PATENT No. P2000-258308-A October 2003

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