DIANA OC-SENSOR

■Dimension

630mm

560mm

■Specification of OC-SENSOR DIANA

Name	OC-SENSOR DIANA
Principle	Latex agglutination immuno-turbidimetry
Method	One step rate assay
Working Speed	280 samples/hour
Sample Rack	150 samples : 10 samples rack x 15
STAT Sample Rack	10 samples at maximum
Sample Dilution	15 times and 250 times
Reaction Cuvette	Semi-disposal acryl cuvette (11 serial cell x 5 cuvettes) Auto clean up with wash solution and purified water
Sampling System	Drawn up by sampling nozzle (Liquid surface detection, Auto clean up)
Reagent Dispense	Drawn up by reagent nozzle (Liquid surface detection, Auto clean up)
Mixing System	By spinning mixer (Auto clean up)
Thermostatic System	Block heater 37℃
Reagent Storage	Block heater 25℃
Light Source	L.E.D. wavelength 660nm
Light Detector	Photodiode
Data Input	Color LCD touch panel (10.5 inch)
Data Output	Thermal printer, RS232C, USB
Memory Capacity	100,000 test results
Barcodes	Rack barcode, Sample barcode, Reagent barcode
Dimension	W630mm x D560mm x H560mm
Weight	60kg
Power Required	AC100~240V 50/60Hz, 500VA
Application	CE, UL (will be applied)

●Before use, please see attached instruction manual.

●Above specifications may change in order to improve machine performance without notice.

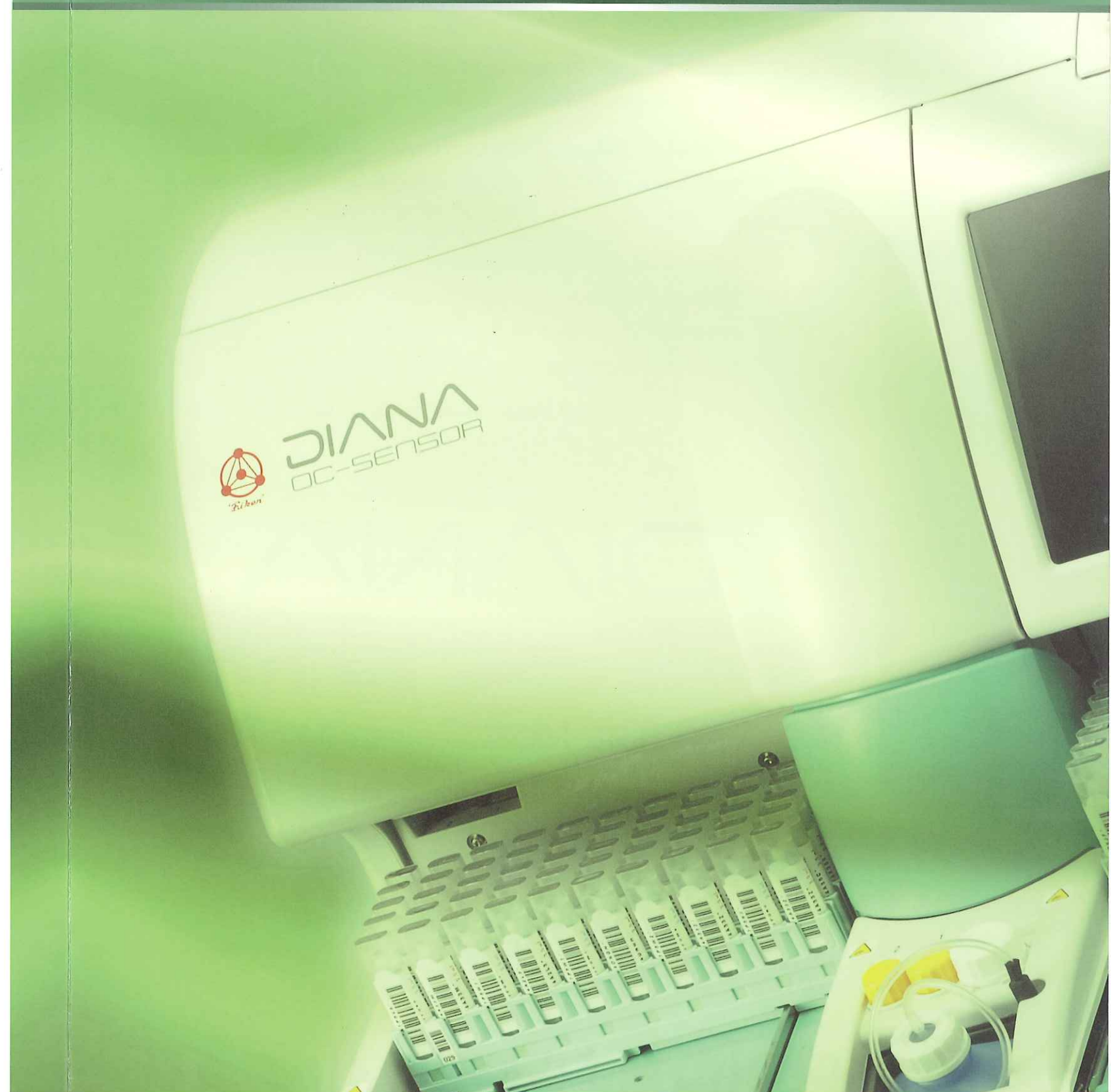| 9128	AP3

September 2007

FOR BETTER FUTURE

OC-SENSOR DIANA...

EIKEN CHEMICAL proudly introduces the brandnew machine.

EIKEN CHEMICAL's 20 year history experience of i-FOBT, and the latest technology integrated into one, we give you OC-SENSOR DIANA.

Simple and high speed operation contributes to labor and time saving. High precision and numerical value result realize more effective screening inspection.

...for better future, for brighter smile

DIANA
OC-SENSOR

The Most Reliable
Immunological
Fecal Occult Blood Test

The name "DIANA" is derived from Greek words "diadekhesthai" (succeed one another) and "anaptyxis" (development).

FOR BRIGHTER SMILE...

WHY DIANA?

Simple & Speedy

Compact Body
W630mm x D560mm x H560mm

Simple Operation
Fully Automated

Large Capacity
280 samples/h
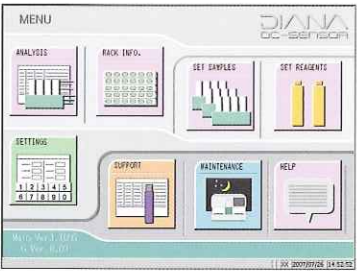
High Precision
Quality Control Functions

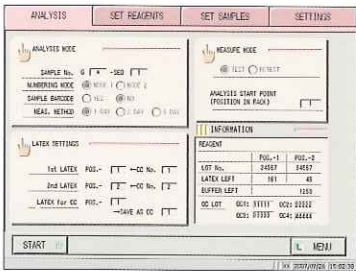## Easy Maintenance
Auto Clean Up & Close

OC-SENSOR DIANA meets all your needs with outstanding efficiency.

User friendly and Fast analysis. From measurement to data process, OC-SENSOR DIANA meets your needs with multi functions.
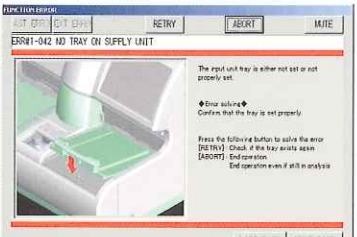
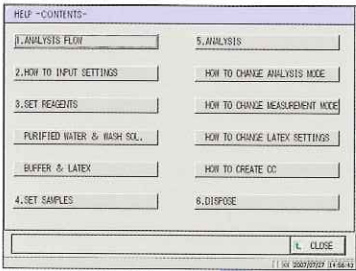OC-SENSOR DIANA shifts your test flow more simple and speedy.

MAIN MENU
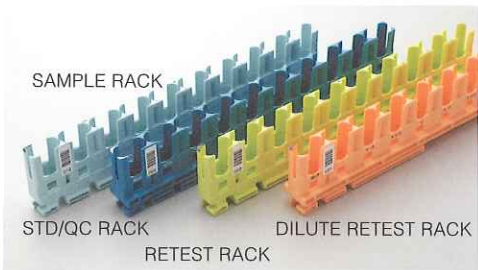

ANALYSIS SCREEN

ERROR SCREEN

HELP SCREEN

- 10.5 inch LCD touch panel
- Illustrated help screen and error display

SETTINGS

● Auto start function, set according to time

Start

Maintenance

● Auto wash and Auto power off at shut down

Simple & Speedy

Display

Data

● 100,000 sample HD memory
● USB and RS232C connection available

OUTPUT TERMINAL

Rack & Tray

SAMPLE RACK   RETEST RACK
STD/QC RACK   DILUTE RETEST RACK

● All racks are identified and controlled by barcodes automatically

SAMPLE RACK
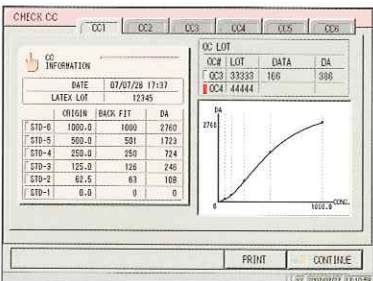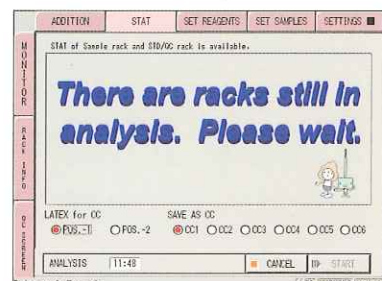STD/QC RACK   DILUTE RETEST RACK
RETEST RACK

Analysis

● 280 samples/hour performance
● Auto calibration, retry mode available
● Calibration curve management by latex reagent bottle barcode registration
● Additional test mode, STAT mode

RACK OPERATION

TRAY OPERATION

READ BARCODE

SET LATEX

CC DATA DISPLAY

STAT

STAT TIMING INFORMATION

High Precision

Nozzle Sampling

High precision is realized by nozzles auto sampling, mixing function and auto cell washing system.

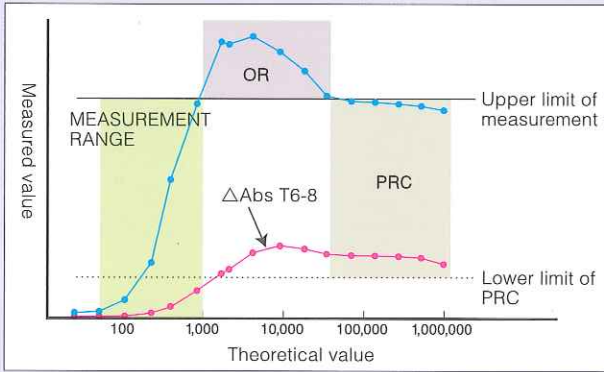## Unique Sampling Bottle

SQUEEZE UP SYSTEM
SAMPLE CUP PART
SAMPLE NOZZLE
FILTER

Machine pushes the side of the sampling bottle. Pushed specimen solution flows through the assembled filter, enters the sampling cup part and dispensed by sampling nozzle.
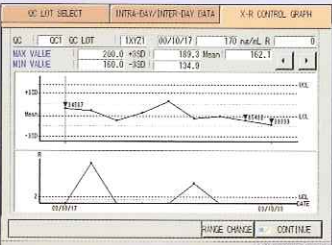
Prozone Check Function
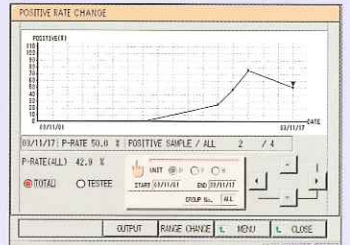
Prozone is checked with PRC method.

Quality Control Function

X-R control screen, CV auto calculation, positive rate graph etc. Massive QC function is available.

X-R CONTROL

POSITIVE RATE GRAPH