

Clinical Laboratory Test

Laboratory Information System

Supporting efficient testing operations with various functions
Expandable to Physiological Examination System

Current Test

Time-series results

▲ Result Entry Screen

▲ Progress Monitor

▲ Report Sample (Option)

▲ Physiological Examination System (Option)

Point 1

Real-time
Monitoring
Progress
Monitor

Point 2

Improve operational
efficiency with
management
functions

Point 3

Integration with
Host system,
Department system,
Analyzer

Point 4

Result input &
Report output
Comfortable
operation

Point 5

Various
functional
expansion
options



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Laboratory Information System

Supporting efficient testing operations with various functions

FORZ
series

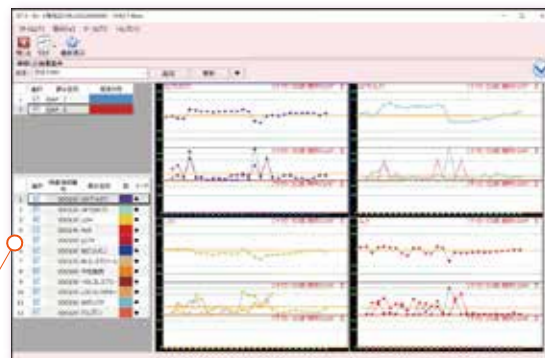
Point 1 Real-time Monitoring “Progress Monitor”

- Real-time display of abnormal values that are far from normal values, previous value check errors, and analyzer error
- On the progress monitor, grasp the request, result, and report status of the test with color marks
- Time display based on analysis completion prediction

	Progress	Status	Description
1	Normal		Indicates the color for normal status
2	Waring		Indicates the color for waring status
3	Delayed		Indicates the color for delayed status
4	Completed		Indicates the color for status completed

Point 2 Improve operational efficiency with management functions

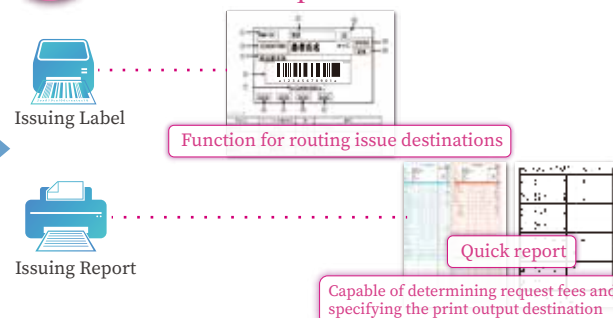
- Patient information management
 - Register and manage patient-specific information such as blood type, infectious diseases, irregular antibodies and special medical conditions in the patient database.
 - Patient-specific information remains linked to the patient and is displayed even when the order changes.
- Generation management of master data
 - Supporting reduction of workload for master change process by “Generation management function”.
(E.g. it enables to prepare the master which is changed on January 1st beforehand for each generation.)
- Accuracy management
 - Display the control results output online from the device
 - Create graphs such as X-Rs-R control chart



Point 3 Linkage to Host system, Department system and Analyzer



Point 4 Input results & Output reports Comfortable operation



Point 5 Various functional expansion options

- Input Hemogram, urine sediment, bone marrow image
 - Count with numeric keys on keyboards
 - Display IP message and scatter-gram
*Adjustment work would be necessary on analyzer.
- Order check
 - A function that displays messages based on billing regulations, for example, when a second HbA1c test is ordered within the same month.
- Logic check
 - The system includes advanced checking features such as data logic validation.
- Linkage to blood tube system
- Linkage to health checkup system
 - Link order/result information to health checkup system
 - Link result of health checkup to EMR
- Extension to physiological examination system
 - Proposing centralized management by installation of clinical department server.
 - Online result delivery for ultrasound, EEG, ECG, and other diagnostic tests.

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