



**FURUNO**

**IVD PRODUCTS**

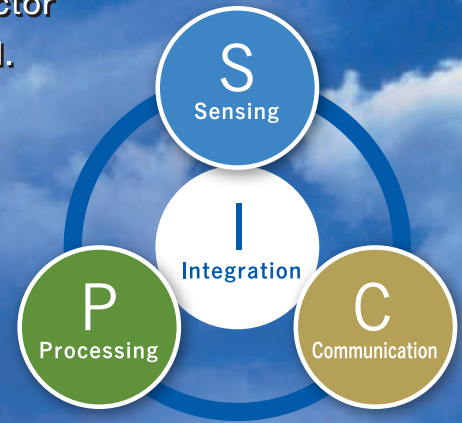
GENERAL CATALOG

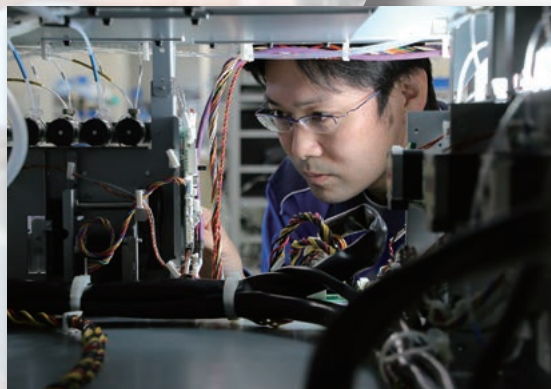
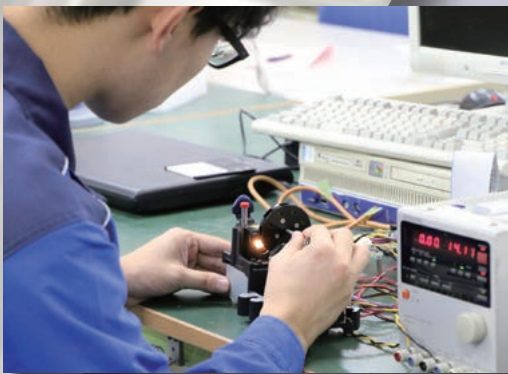
# CHALLENGE *the* INVISIBLE

Early detection of symptoms is crucial to providing quality patient care. Through FURUNO's core technologies of Sensing, Processing, Communication and Integration, we have been contributing in healthcare sector to provide a higher quality of life to people around the world.

FURUNO is a forerunner in marine electronics, supplying high quality marine technology for the harsh marine environment.

We have incorporated the experience and technical know-how from the marine sector into our medical analysis equipment, ensuring the same high quality and value for these products. We will continue providing solutions ahead of the competition.





# FURUNO IVD products

---

FURUNO analyzers and reagents are the best solution to your laboratory because of its Reliability, Flexibility and Craftsmanship.

---

## Reliability:

High quality and stability of our products will bring reliable test results in everyday routine.

---

## Flexibility:

Flexible choice of analyzers and reagent kit sizes allows efficient use of reagent in any type of laboratories.

---

## Craftsmanship:

Uncompromized Craftsmanship of Japanese instrument technology and German reagent technology makes our system one of a kind.



# Chemistry Analyzer

Clinical Chemistry Analyzer

MODEL **CA-800**

800 tests/hour throughput capability (maximum 1200 tests/hour with ISE). Fully direct automatic HbA1c measurement without manual sample pretreatment. Optional rack system available for place and go sample process.



Clinical Chemistry Analyzer

MODEL **CA-400**

Mid-range throughput (400 tests/hour, 560 tests/hour with ISE). Main instrument for midsize workload laboratory or backup unit for high workload laboratory.



Clinical Chemistry Analyzer

MODEL **CA-310**

Compact desk-top instrument with 270 tests/hour (maximum 450 tests/hour with ISE). Fully direct automatic HbA1c measurement without manual sample pretreatment. Functionality of a high throughput instrument in compact desktop form ideal in any type of laboratory.



# Reagents

## Clinical chemistry reagents

Albumin *	HDL-Cholesterol fluid homogeneous *	Iron TIBC
Alkaline Phosphatase DGKC *	LDL-Cholesterol fluid homogeneous *	Lactate PAP *
Alkaline Phosphatase SFBC *	Cholinesterase*	LDH P→L DGKC *
α-Amylase IFCC *	CK-MB fluid 5+1	LDH L→P IFCC *
Pancreatic α-Amylase IFCC *	CK-NAC fluid 5+1 *	Lipase *
Bicarbonate	Creatinine Jaffè *	Magnesium XB *
Bilirubin direct, Jendrassik-Grof *	Creatinine PAP *	Magnesium Arsenazo *
Bilirubin direct Vanadate *	Gamma-GT-3-Carboxy *	Phosphorous UV *
Bilirubin direct DPD *	Glucose HK *	Protein CSF fluid
Bilirubin total, Jendrassik-Grof *	Glucose GOD/PAP *	Protein CSF Pyrogallol red
Bilirubin total Vanadate *	GOT(ASAT)IFCC fluid (5+1) *	Protein total, bi-reagent *
Bilirubin total DPD *	GPT(ALAT)IFCC fluid (5+1) *	Protein total, mono-reagent *
Calcium Arsenazo III *	Homocysteine	Triglycerides fluid Mono *
Calcium OCP *	Iron Feren S	Urea UV Fluid 5+1 *
Cholesterol CHOD/PAP *	Iron Nitro PAPS	Uric acid PAP *

\*Available for multi-calibration by Centrocal and QC measurement by Centronorm/Centropath.

## Immunoturbidimetric reagents

Acid Glycoprotein	CRP	Kappa Light Chain
Antitrypsin	CRP high sensitive	Lambda Light Chain
ASO	Cystatin C	Lipoprotein (a)
Antithrombin III	D-Dimer	Microalbumin
Apolipoprotein A1	Ferritin	a1-Microglobulin
Apolipoprotein A2	Fibrinogen	a2-Macroglobulin
Apolipoprotein B	Haptoglobin	b2-Microglobulin high sensitive
C1 Esterase Inhibitor	HbA1c, latex immunoturbidimetric**	Prealbumin
Ceruloplasmin	IgA	RF
Complement C3	IgG	Transferrin
Complement C4	IgM	

Product availability may vary depending on your area. For more information on product availability, please contact your local distributor.

\*\*NGSP certified



Large size of GLU HK reagent



Middle size of GLU HK reagent



Small size of GLU HK reagent

## Calibrators

### Clinical chemistry calibrator

Bicarbonate Calibrator	CK-MB Calibrator	Iron Calibrator
Centrocal	Homocysteine Calibrationset	Protein CSF Standard

### Immunoturbidimetric calibrator

ASO Calibrationset	Ferritin Calibrationset	b2-Microglobulin Calibrationset
APO A1/B Calibrator	Fibrinogen Calibrator	Protein Calibrationset
CRP Calibrationset	HbA1c Calibrationset	RF Calibrationset
CRP Calibrator high sensitive	Lipoprotein Calibrationset	Transferrin Calibrationset
Cystatin Calibrator	Microalbumin Calibrationset	
D-Dimer Calibrationset	a1-Microglobulin Calibrator	

## Quality control samples

### Clinical chemistry quality control sample

Bicarbonate Controlset	Centronorm CK-MB	Protein CSF Controlset
Centronorm	Centropath CK-MB	
Centropath	Homocysteine Controlset	

### Immunoturbidimetric quality control sample

APO A1/B Control	Ferritin Control low	Lipoprotein Control low
CRP Control low	Ferritin Control high	Lipoprotein Control high
CRP Control high	Fibrinogen Control	Microalbumin Control low
CRP Control high sensitive	HbA1c Control low	Microalbumin Control high
Cystatin Control low	HbA1c Control high	a1-Microglobulin Control
Cystatin Control high	Immunology Control Low	
D-Dimer Controlset	Immunology Control High	

## Utility reagent

### Analyzer consumables

Wash Solution 1 acidic solution	Wash Solution C1 hypochlorite solution	Saline Diluent
Wash Solution 2 alkaline solution	Acid Solution	Precision check for service



Multi-calibrator "Centrocal"



Multi-control "Centronorm"



Multi-control "Centropath"



[www.furuno.com](http://www.furuno.com)

**FURUNO ELECTRIC CO., LTD.**

SYSTEM PRODUCTS DIVISION  
2-20, Nishinomiya, Nishinomiya, Hyogo, 662-0934, Japan  
Tel : +81-798-33-7555 Fax : +81-798-33-7511

Catalogue No. CA000002793