

Beckman Coulter Japan Mishima Manufacturing
Suntou District, Shizuoka Prefecture

THK Products Are Essential for World-Class, High-Quality Analyzers

Hiroshi Serizawa
Plant Manager

Takatoshi Suzuki
Mechanical Engineering Group Manager
Global Business Research & Development



Ball spline,
LM Guide



Business expansion rooted in medicine and the local community

Our company's business is centered on two fields: life sciences and clinical diagnostics. The life science field includes genetic research and trying to understand life from a scientific perspective—for instance, by analyzing cells and extracting nucleic acid to research diseases and new cures as well as investigate complex biological issues. In our clinical diagnostics division, we develop and manufacture clinical analyzers that can be used for blood, biochemical, immunological, microbial, and many other kinds of analysis.

We were also the first public company to take part in the Pharma Valley Project, which involves health-related businesses ranging from the medical to the wellness industries and conducts leading R&D to develop advanced, world-class medicine and technology right here in the Suntou district of Shizuoka Prefecture. We strive to use the medical experience we have gained since our founding to aid the leading medical research and development promoted by this collaboration between industry, academia, and government.

Aiming to develop the industry's leading analyzer

The Mishima factory is Beckman Coulter's only production facility in Japan. We research and manufacture clinical chemistry analyzers used for clinical diagnostics and provide quality assurance and customer support. Over 90% of our finished products are exported. We quickly reflect customer feedback in our product development and manufacturing,



Clinical chemistry analyzer AU5800

and we always strive to provide new products that meet expectations.

To protect the lives of patients, our analyzers must be durable so they can run 24/7 without failing. They must be high-quality so they can accurately perform blood tests, and they must be high-speed so they can conduct tests efficiently and provide patients with the results quickly. We aim for our products and service solutions to increase customer satisfaction so we can be the top business in the industry.

THK's trustworthy technology and service

What is critical for our analyzers is the precision and quality of the components used during tests. The clinical chemistry analyzers incorporate many THK products, but the ball spline is used for the key part of the testing process, positioning the sample being transferred at each process location with precision in all directions. Looking at the data from the past three years, the defect and failure rate of THK's products during receiving inspections or on the market has been virtually zero. Their on-time delivery ratio has also been wonderful, ranking among our top suppliers in that regard.

We are very grateful that they always respond sincerely to our requests, and they have provided numerous suggestions during meetings with our technical staff. As previously mentioned, we export over 90% of our finished products, and since THK has expanded its factories outside of Japan, we can rely on them from a part procurement standpoint, too.

Our customers have many requests for us, so we look forward to continuing to consult with THK and find solutions. We hope THK will continue to reliably provide us with products as we strive to manufacture world-class, high-quality clinical analyzers.