

Stepping Systems Success Story

Industry	: Medical equipment
Application	: Immunoassay analyzer (It is used to detect infectious diseases, tumor markers, thyroid disease, and Down syndrome)
Product	: SANMOTION F2 35 mm stepping motor customized with encoder, gear, cable and connector
Quantity	: 300 pcs/year (2 pcs/machine)
Use	: The reaction unit and the fluorescence measurement unit
Request	: 1. Downsizing of machine. (Replacing the 42 mm motor customer used before) 2. Motor with encoder to improve homing accuracy
Solution	: Proposed customer to use 35 mm stepping motors with encoder
Merits	: 1. Machine is downsized with 35 mm motor 2. Accuracy and reliability of machine is improved by using motor with encoder. 3. Buying motor customized with gear, encoder and connectors from the same supplier enables customer to reduce assembling costs and to prevent liability issues when operation problem occurs.

