

Closed Loop Stepping Systems Success Story

Industry : Industrial Machine

Application : Etch Equipment (semiconductor)

Product : SANMOTION Model No. PB
28 mm sq. PB, 4-axis EtherCAT Driver

Quantity : 600 sets/year (9600 axes)

Use : Wafer temperature control machine

Request : Switch between hot and cold water (with different water pipes)
Conventional machine using heater takes a long time to adjust water temperature. Customer needs products with the followings:

1. Compact in size, with position detection function
2. Low cost (cheaper than servo systems)

Solution : Suggested customer to use PB motor with abs. encoder (MA018)

Merit : Customer is able to produce a compact and lightweight machine while reducing total costs.

