REACTION PROCESSING APPARATUS

ABSTRACT

A reaction processing device 100 comprising: a reaction processing container 10 comprising a flow path 12, a first air communication port 24, and a second air communication port 26; a temperature control system 102 that provides a low-temperature area 38 and a high-temperature area 36 in the flow path 12; and a fluid delivery system 120 that moves a sample 50 inside the flow path 12. The fluid delivery system 120 comprises: a pump 121 having a discharge port 121a; a first air flow path 129 that connects the discharge port 121a and the first air communication port 24; a second air flow path 130 that connects the discharge port 121a and the second air communication port 26; a first three-way valve 123 that is capable of switching between a state in which the first air communication port 24 communicates with the discharge port 121a and a state in which the first air communication port 24 is opened to atmospheric pressure; a second three-way valve 124 that is capable of switching between a state in which the second air communication port 26 communicates with the discharge port 121a and a state in which the second air communication port 26 is opened to atmospheric pressure; and a CPU 105 that controls these.

[Fig. 5]