

## High performance-High functionality

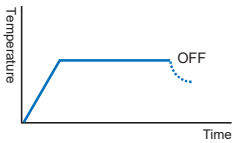
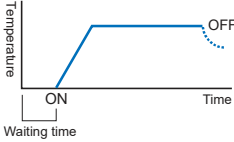
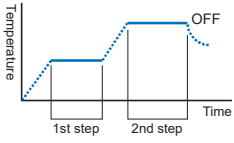
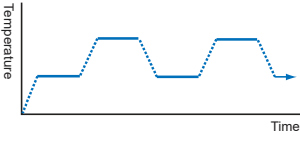
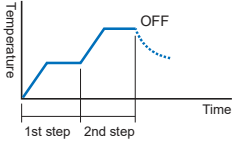
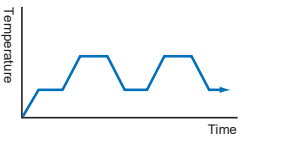
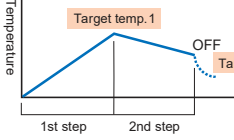
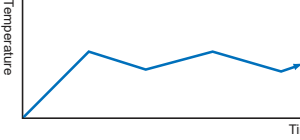
### 1 Five basic operation functions are standard specifications

Besides set value operation and auto start function operation, because 2-step program operation 1 - 3 are installed as standard specifications, the operation functions have been expanded. Since these program operations have respectively been memorized, operation from the second time on is completed with one touch.

### 2 Overshoot prevented when the temperature rises

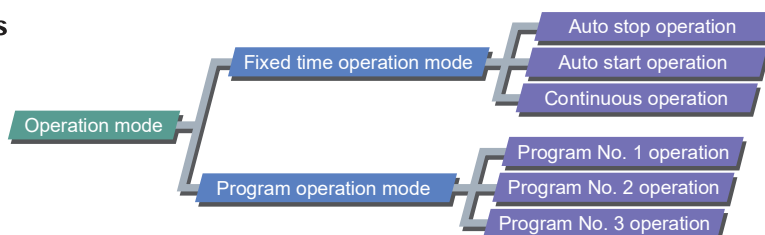
Highly accurate control has been made possible at all set temperatures by means of ETAC's original optimum PID value calculation system.

Furthermore, temperature control performance when the temperature has been reached has also been greatly improved and overshoot has been prevented.

Basic operation performance		Basic operation function	Repeat operation (1~999 times)
Set operation	(1) Fixed time operation	 Operates at a fixed temperature and fixed time	
	(2) Auto start and fixed time operation	 After waiting a fixed time, operates at a fixed temperature, and a fixed time	
Program operation	(3) Program 1 operation	 Operates at two temperatures and times (does not include the time for temperature change)	
	(4) Program 2 operation	 Operates at two temperatures and times (include the time for temperature change)	
	(5) Program operation (Temperature slope control operation)	 Operates at two target temperatures and temperature change times	

### HISPEC series operation modes

These modes are switched among by means of the "Program operation" key on the operation panel.



Note 1) At set time [—] [—] [—] [—] it becomes continuous operation.

Note 2) The set time of each step is 0 ~ 99 hours 59 minutes. (when shipped from the factory it is possible to switch the units to 0 ~ 999.9 hours)

Note 3) It is possible to operate program operations (3), (4) and (5) at 1~999 repetitions. (The number of repeat cycles repeats infinitely at [—] [—] [—])

Note 4) It is possible to use operations (1), (3), (4) and (5) and the auto start operation at the same time.

Note 5) Final set temperature holding operation (HOLD operation) is possible.