8.2 Other failure

The table below includes failure not detected by self checks and operational mistakes that are easily mistaken as failure.

Table 8.2 Other failure

Symptom	Probable cause	Remedial action	
The display does not light up when the main power supply is turned ON.	Primary power supply is OFF.	Turn ON the primary power supply.	
	Fuse is blown.	Replace the fuse. (Refer to 8.3 Replacing the fuse.)	
The setting cannot be changed.	The keys are locked.	Release the key lock. (Refer to 5.9 Starting operation.)	
	Program operation sent from the personal computer is operating.	Press the (START/STOP) key to stop program operation.	Refer to the protocol converter instruction manual.
		Stop program operation from the personal computer.	
Start of humidity operation is delayed.	Pure water is not supplied to the humidifying tray or wick pan.	Start humidity operation when pure water is supplied. (If there is no pure water in the humidifying circuit, humidity operation will not start until pure water is supplied.)	
	Stopper of the temperature sensor through port is not inserted.	Insert the stopper of the temperature sensor through port.	
Too much time is required to pull up/down temperature.	Specimens generating too much heat.	Remove heated specimen.	
	Stopper of the temperature sensor through port is not inserted.	Insert the stopper of the temperature sensor through port.	
	Door is open.	Close the door.	
Temperature uniformity is uneven.	Too many specimens in the chamber. Specimen incorrectly placed.	Reduce the number of specimens.	
	Stopper of the temperature sensor through port is not inserted.	Insert the stopper of the temperature sensor through port.	
Strange odors or smoke coming from the chamber.	Easy to burn pieces of paper are adhering to the surface of the heater.	Call service	
Buzzer sound is heard from the main body.	The electromagnetic pump that sends water to the humidifying tray operated.	Not a breakdown. If water is supplied to the humidifying tray, the buzzer sound will stop.	
Setting values not displayed.	Only the main power supply switch was turned ON and the (START/STOP) key was not pressed.	Press the (START/STOP) key.	

8.3 Replacing the fuse

When a fuse blows, replace it by observing the following procedure.

Prepare the accessory fuse.

① Turn OFF the source power supply.

② Turn OFF the main power supply switch.

③ Open the distribution compartment cover.

④ Take out the fuse and confirm it is blown.

⑤ If it is blown, replace it with a new fuse with identical capacity.

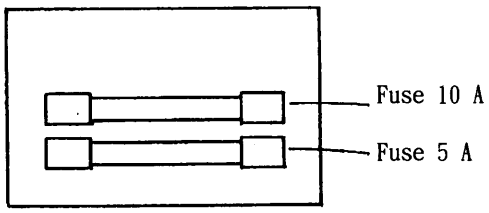

Fig. 8.1 Fuse (inside electrical chassis)

・If a new fuse blows soon after replacement, contact the place of purchase or ESPEC CORP.