

SECTION 8

Troubleshooting

This section provides probable causes and remedies of ES1A errors.

| Error | Probable cause | Remedy |
|---|--|--|
| Displayed PV is higher than actual temperature. | The input shift compensation of the Temperature Controller has not been performed yet. | Refer to <i>Section 5 Input Shift for Temperature Controller</i> and perform the input shift compensation of the Temperature Controller. |
| Displayed PV is lower than actual temperature. | There is dust on the filter. | Clean the filter with alcohol and a soft cloth. Be sure not to damage the filter surface. |
| | Xenon gas has leaked from the thermopile. | The Sensor is beyond repair and must be replaced. |
| Displayed PV does not change. | The wires are short-circuited or open. | Connect the wires correctly. |
| | The thermopile wires have burnt out. | The Sensor is beyond repair and must be replaced. |