

IV. 10. Troubleshooting.

Observations	Possible Causes	Solutions
The I-O (ON/OFF) button is in the ON position but the device does not operate.	Power cable is not correctly plugged in.	Check the cable connection.
The intermittent alarm sounds.	Power failure.	Check the circuit breaker on the front of the unit under the flowmeter.
Red light remains lighted.	Product pressure is too low or too high.	Contact your equipment supplier.
A rapidly pulsing alarm.	Power Quality	If the problem persist contact your power provider.
The alarm test does not work. See IV. 4.1	Capacitor is not charged Internal electrical fault.	Backup Capacitor has discharged; operate unit for approximately 10 minutes and retest. Contact your equipment supplier.
The compressor operates and the I-O (ON/OFF) button is in the ON position but the green light is not lighted.	Faulty indicator.	Contact your equipment supplier.
The I-O (ON/OFF) button is ON and the compressor is operating but there is no flow. The audible alarm sounds (continuously).	Pneumatic connection broken or other pressure problem.	Stop the device by pressing the I-O (ON/OFF) button and contact your equipment supplier.
The I-O (ON/OFF) button is ON, the compressor is operating, there is a flow but the audible alarm sounds continuously.	Internal electrical fault. Pneumatic circuit fault.	Stop the device and contact your equipment supplier.
The compressor stops in mid-cycle, then starts again after a few minutes.	Compressor thermal safety device has been activated. Fan is not working. Dirty Filters.	Stop the device and wait for it to cool down. Clean cabinet filter. Start up again. Reset the circuit breaker. Contact your equipment supplier. If the device does not start, contact your equipment supplier.
The oxygen enriched product flow is interrupted at the nasal cannula outlet.	Tube disconnected or humidifier not tight.	Check that tubing connections are secure and that the tubing is not kinked.
The flow at the nasal cannula outlet is irregular.	Cannula tubing is kinked.	Straighten the tubing ; contact your equipment supplier if damaged.



Maintenance Items

Cabinet Air Filter- Part Ref: 8400-1025; Wash weekly; Replace as needed.
 Humidifier Tubing- Part Ref. 8400-8409; Wash in warm water; Replace as needed.
 Inlet Air Filter- Part Ref: 8400-1180; Inspect at each patient visit, Replace every 2 years.

Please record all maintenance activity on the Maintenance Log found in the Service Manual and online at www.nidekmedical.com under the 'Maintenance Log' tab.