

## 1. System Failure

Sl. No	Problem	Cause	Remedy
1	Oxygen concentration discrepancy between Blender settings and analyzer.	Analyzer out of calibration	Calibrate the analyzer
		Flow requirements are below the specified LPM range.	Correct the flow. Verify that the correct outlet port is being used. Each outlet port has a different flow range.
		Gas supply is contaminated	Correct the contaminated gas supply. If repair is needed, contact nice Neotech
		Blender is out of calibration	Contact nice Neotech for calibration.
		Bleed is obstructed, causing reduction of bleed	Contact nice Neotech
2	Alarm at constant activation	Inlet pressure difference greater than 20 PSI.	Correct the pressure difference
		Alarm module is not calibrated properly	Contact nice Neotech for repair.
		Inlet gas contamination, alarm module malfunction	Contact nice Neotech for repair.
3	Blender in bypass – no alarm.	sounder plate improperly installed or damaged	Contact nice Neotech for repair.
4	Blender is accurate only when inlet gas pressures are equal.	Balance module not functioning properly	Contact nice Neotech for repair
		Both air and oxygen gas sources are below 30 PSIG.	Correct the low-pressure condition
5	Blender produces no alarm when air/ oxygen input supply is cut off.	Alarm mechanism disturbed or damaged.	Contact nice Neotech