



Product Name : Bubble CPAP System with Accessories

Product Model No : nice 5060, nice5060 S, nice 5060 F

Trouble Shooting

**Doc no:
73-00-029**

1. System Failure

SI. No	Problem	Cause	Remedy
1.	PEEP pressure is not shown in pressure gauge	No gas supply. Patient circuit is dis-connected.	Check the gas supply
			Check the patient circuit is intact.
			Otherwise Contact nice Neötech
2	PEEP is not achieved/ Bubbling is absent	No gas supply. Bubble generator may be damaged. Water level reduced.	Check the gas supply
			Replace the PEEP Knob
			Refill Water in Bubble Jar if level is low
			Inspect the entire gas pathways for leak
			Otherwise Contact nice Neötech
3	Oxygen concentration discrepancy between Blender settings and Output (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 Neötech
		Blender is out of calibration	Contact nice Neötech for repair.
		Bleed filter is obstructed, causing reduction of bleed	Contact nice Neötech
4	Water Out indicator Accompanied by an audible Indication	Check that there is sufficient water in the chamber.	Refill or replace chamber as necessary. Check that the water bag is not empty, and the delivery tube is not kinked or occluded.
		Check that the water level in the disposable chamber is not above the marked line. If the water is above this line	Replace chamber
		Check that the gas flowrate is within specification of the humidifier and accessories being used	Adjust as necessary.
		Has condensate formed on the chamber probe.	Dry Probe and re-insert
		Temperature probe faulty.	Complete at temperature and flow accuracy test on the



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			probe.
			Replace probe as required
		Humidifier faulty.	Complete a performance test.
			Service humidifier as required
5	Chamber Probe Indication accompanied by an audible Indication	Check that the chamber probe is inserted into the breathing circuit correctly	The breathing circuit is setup correctly
		Check that there is sufficient water in the chamber.	Refill as necessary. Check that the water bag and delivery tube are not kinked or occluded.
		Ensure correct chamber is being used	Replace Chamber
		Check that the gas flow rate is within specification of the humidifier and accessories being used.	Adjust as necessary
		Has condensate formed on the chamber probe.	Dry probe and re-insert
		Temperature probe or humidifier faulty.	Complete performance tests. Replace probe or service humidifier as required
6	Heater wire Connector Indication accompanied by an audible Indication	Check that the heater wire adaptor is correctly plugged into the humidifier along with the breathing circuit.	Replace breathing circuit, and re-rest Replace heater wire adaptor and check for intermittent connections. Re-test
		Humidifier faulty.	Replace PCBs
7	Heater wire Indication Not working	Non-heater wire mode has been activated,	Connect a heated wire circuit or disable this mode by pressing heater wire key
8	Airway Probe Indication along with an audible Indication	Check that the airway probe is inserted into the breathing circuit correctly.	The breathing circuit assembled correctly, and that there is water in the chamber.
		Check that the circuit is connected correctly to the bubble CPAP	Connect the circuit correctly
		Gas flow could be reversed through the humidifier	Correct the gas flow
		Check that the gas flowrate is within specification of the humidifier and type of accessories being used.	Adjust as necessary
		Check for excessive condensate buildup.	Excessively cold or drafty ambient conditions may cause this Indication to occur. Ensure there are no strong drafts around the breathing circuit



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		Complete a probe accuracy check.	Replace probe as necessary
		Humidifier faulty.	Replace PCBs
9	Temperature probe Connector indicator flashes, accompanied by an audible Indication	The humidifier has been unable to maintain temperature over a period of time. Gas flow has been disconnected from the humidifier.	Reconnect gas flow or turn the humidifier off.
		Check that the gas flowrate is within specification of the humidifier and accessories being used	Adjust as necessary
		Check for drafts around the breathing circuit. This can be caused by fans or room air conditioning.	If this is found to be the cause, the breathing circuit should be shielded from the ambient air flow
		Check that the circuit is connected correctly to the bubble CPAP	Connect the circuit correctly
		Gas flow could be reversed through the humidifier	Correct the gas flow
		Check for excessive condensate pooling in the breathing circuit.	Drain circuit if necessary
		Humidifier or probe faulty	Complete humidifier & probe performance test.
			Replace probe or service humidifier as required
Check that there is sufficient water in the chamber.	Refill as necessary. Check that the water bag and delivery tube are not occluded		
10	Temperature is shown on the humidifier's display, with no audible Indication	Make sure the humidifier has had time to warm up and that there is sufficient gas flow through the breathing circuit	Complete humidifier and probe performance test. Replace probe or service humidifier as required
		The humidifier cannot maintain temperature. If the temperature indicator is also on then an Indication will occur eventually	
		Humidifier or probe faulty.	
11	High displayed Temperature no temperature Indication	Flow has recently been changed	Allow 30 minutes for temperature to stabilize
			Humidity compensation is active
12	Temperature indicator flashes, With audible Indication, and a high temperature is	The gas flow rate may have suddenly changed	Monitor the displayed temperature, if the temperature does not fall rapidly then remove humidifier from patient, and



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	shown.		complete a performance test on the humidifier, and temperature/ flow probe. Replace probe or service humidifier as required.
13	Alarm sounding	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.
14	Blender in bypass – no alarm.	sounder plate improperly installed or damaged	Contact nice Neotech for repair.
15	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