

CAVITRON JET PLUS ULTRASONIC SCALER

Serial number beginning 'G137'



Warranty:

This unit has a 2 year warranty. The warranty is valid for normal usage conditions. Any modification or accidental damage will render the warranty void. For warranty claims you must submit your proof of purchase and you are entitled to a loan unit upon availability and request if your unit undergoes a repair.


Common Faults and what to do if you experience them:

Leaking:

1. Leaking from tip even when foot control is not activated is likely the water solenoid is worn. This would need to come into the Service Centre for repair.
2. Leaking from between Jetmate and handpiece lead. The O-ring on the handpiece lead could be worn the part number for this is 776030267.
3. Leaking from between Jetmate and Insert. The O-rings could be worn on the insert tips the part number is 62351 (pack of 12) and these come with an insert tool which must be used.
4. Water leaking from the back of the machine, check that the blue water hose is correctly installed, this can be checked by gently tugging the hose to make sure its secure prior to attaching to the water supply.

No water flow/ power:

5. If there is no water flow when foot pedal is activated check the condition of the water filter which could be blocked. The part number is 90158 (pack of 10). If the water filters look in good condition, check that the flow adjustment on the handpiece is not set to 0 (small tear drop indicator).
6. No power adjustment when turning the blue dial on machine, this could be due to a worn insert tip or a faulty potentiometer inside the machine. This will need to come into the Service Centre for repair.
7. Foot pedal not working when batteries are changed, this will need re-synchronizing. The correct procedure is to open the battery cover, inside there is a red plunger. Turn the machine on and press purge then you will see all the lights flashing in sequence once this happens press the red plunger and the orange LED inside the pedal will flash fast which means it's now synchronised to the machine. If this does not resolve the issue then the foot pedal will need replacing, the part number for this is 81872.
8. If there is a clunking sound when the footpedal is activated this is usually the footswitch cable being damaged or plugged in the wrong way round at the footswitch.



9. Intermittent fault when using foot control cable instead of using the wireless function, this could be a worn lead and the part number is 81663. Also, check the connection to the back of the machine and the connection on the foot pedal as these could be damaged.

10. No oscillation when foot pedal is activated. This would indicate either a worn Jetmate, part number 8170201 to replace or worn insert tips.

11. Intermittent connection when handpiece is moved in different directions, this will be a worn/damaged handpiece lead. This would need to come into the Service Centre for repair.

Service or battery light on:

12. Service light flashes when foot pedal is activated, this can be the Jetmate. The best way to check is to try another Jetmate and if this problem is not resolved then it could be a faulty handpiece lead or control board inside the machine. The part number for a new Jetmate is 8170201.

13. Low battery indicator, change the batteries in the foot pedal and the low battery icon should go out.

Powder/ air supply issue:

Use only Cavitron Prophy Powders in your Cavitron JET Plus Combination System. Any other substance or additives may clog the system and will void the warranty. For your convenience, the prophy powders are supplied in bottles. Keep stored in a location that does not exceed 95 F.

14. If you are experiencing no or low powder whilst using prophy mode;

- Ensure that the clear jet pointer on top of the powder bowl is pointing to either L (Low), M (Medium) or H (High).
- It is strongly recommended that the powder bowl be emptied at the end of each day. This will reduce moisture absorption and minimize clogging.
- To clean the powder line turn the power off, lift the powder bowl out and remove all powder. Remove the red pipe from the metal attachment- this is where the powder comes out. Using the cleaning tool ensure that there is no blockage. Re-affix red pipe.
- To clean the powder line turn the power off, lift the powder bowl out and remove all powder. Remove the clear pipe from metal attachment at the base of the bowl- this is where the supply air goes into powder bowl. Using the cleaning tool ensure that there is no blockage. With the clear pipe still detached from the powder bowl switch the power to the machine back on and if there is a good blast of air then switch machine off and reattach clear pipe.

15. If you have a blocked JET Air Polishing insert nozzle. Clean nozzle using supplied tool.

16. If the powder cap is loose, then turn the main power switch to the OFF (O) position. Tighten powder cap to powder bowl and turn the system ON. If the cap does not fit tightly, check the connection for thread wear, the O-ring is sealing correctly and the bowl assembly is not damaged. If a replacement powder bow cap is needed then the part number is 80743.

17. Any other powder or air related issues would require unit being sent to Service Centre for repair.

Corrosion:

18. The handpiece leads at the plug end to the Jetmate can suffer from blueish/green corrosion caused by a worn O-ring, if this corrosion is found then the unit would need to come into the Service Centre for repair.

19. When spraying the units with sterilisation/cleaning fluids do not leave them to soak. The fluid gets inside the unit and causes damage to the panel and leaves the 'purge' and 'turbo' functions unusable.