

# AFTERCARE SERVICE REPORT (SMART SUCTION)

Job Ref: \_\_\_\_\_

Model #: \_\_\_\_\_

Service Company: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Technician: \_\_\_\_\_

Serial #: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Warranty Exp: \_\_\_\_\_ (3 Yr Parts & Labour)

Business Name: \_\_\_\_\_

Contact Details - Phone: \_\_\_\_\_ Email: \_\_\_\_\_

## AFTERCARE SERVICE SCHEDULE

Service Due	No Amalgam Separator	With Amalgam Separator	Kit Qty.	Service Due	No Amalgam Separator	With Amalgam Separator	Kit Qty.
<input type="checkbox"/> Year 1	Minor Parts	Minor Parts		<input type="checkbox"/> Year 6	Minor Parts	Minor Parts & Intermediate Kit	
<input type="checkbox"/> Year 2	Minor Parts	Minor Parts & Intermediate Kit		<input type="checkbox"/> Year 7	Minor Parts	Minor Parts	
<input type="checkbox"/> Year 3	Minor Parts	Minor Parts		<input type="checkbox"/> Year 8	Minor Parts	Minor Parts & Intermediate Kit	
<input type="checkbox"/> Year 4	Minor Parts	Minor Parts & Intermediate Kit		<input type="checkbox"/> Year 9	Minor Parts	Minor Service Kit	
<input type="checkbox"/> Year 5	Minor Parts & Major Kit	Minor Parts & Major Kit		<input type="checkbox"/> Year 10	Minor Parts	Minor Parts & Intermediate Kit	

NOTE: All HEPA H14 antibacterial filters installed on exhaust pipework MUST be changed every 12 months.

## MINOR SERVICE TASKS

Task	Done
Clean & service suction inlet housing and filter. Replace inlet filter o-ring and lubricate with Lubri-Jet silicone oil.	
If fitted with amalgam separator: Remove amalgam cup, inspect nozzle at the base of the hydrocyclone cone for blockages, lubricate seal and cup locking guides.	
Inspect all tubing (suction inlet, fluid waste outlet, exhaust and internal) checking for loose connections or leaks. Repair as necessary.	

## INTERMEDIATE SERVICE TASKS

Task	Done
Remove and fully dismantle amalgam separator assembly.	
Clean and service all internal parts. (Note condition of brass valve [C-224185] and cage [C-200207]).	
Replace all o-ring seals and lubricate with Lubri-Jet silicone oil.	
Replace all grey ISO tubing.	
Reassemble amalgam separator assembly and refit to SMART suction unit.	

## MAJOR SERVICE TASKS

Task	Done
Remove centrifuge and suction motor from SMART suction unit.	
Fully dismantle centrifuge, replace (bearings, oil seal, flap valve, o-rings, end cover & cooling fan) and re-assemble.	
Fully dismantle suction motor, replace (bearings, oil seal, foam & cages, gasket, end cover, cooling & rubber mounts) and re-assemble.	
Fit centrifuge and suction motor in frame. Replace suction hose between suction motor and centrifuge. Refit exhaust tubing between suction motor and exhaust non-return valve.	

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## TEST & INSPECT TASKS

Task	Status	Notes
Perform electrical safety test. Fit tag on plug end of power cable displaying "PASS" result.	<input type="checkbox"/> OK	
Check machine start-up cycle and document firmware versions.	<input type="checkbox"/> OK	Keypad: Inverter:
Test On/Off switching of machine. (when disconnected from surgery plumbing & switching circuits).	<input type="checkbox"/> OK	
Check direction of centrifuge motor rotation. (Rotates clockwise when viewed from above).	<input type="checkbox"/> OK	
Check direction of suction motor rotation. (Rotates anti-clockwise when viewed from RHS cooling fan cowling).	<input type="checkbox"/> OK	
Verify motor start sequence. (centrifuge first and suction motor second).	<input type="checkbox"/> OK	
Verify motor stop sequence (suction motor first and centrifuge second). Time and document off delay time for centrifuge.	<input type="checkbox"/> OK	Off delay time:
Verify vacuum at the suction inlet of the machine. Test maximum suction frequency and document.	<input type="checkbox"/> OK	Maximum suction motor frequency Hz:  (Maximum frequency should match the unit being tested)
<b>Maximum Frequencies:</b>  Micro SMART (120Hz) Micro SMART Cube (145Hz) Turbo SMART A (85Hz) Turbo SMART B (110Hz) Turbo SMART A Cube (140Hz) Turbo SMART B Cube (165Hz) Turbo SMART 2V (110Hz) Maxi SMART (75Hz)		
Check for abnormal noises or air leaks during operation.	<input type="checkbox"/> OK	
Inspect plant room ventilation and verify specification for the site. Formula: Watts x 0.15 = m3/hr.	<input type="checkbox"/> OK	
Measure plant room temperature. (Ambient temperature must not exceed 30°C).	<input type="checkbox"/> OK	

Signed:

Date:

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