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## Service advice Sheet

### Schedule for servicing Statim Autoclaves. All software revision up to and including Rev. 6xx

#### Important notes:

- The following schedule is designed as a guide for Scican approved trained service engineers.
- The operations contained in this guide are for use during standard service intervals on functioning machines. Any operations or components required over and above this guide will be at the discretion of the service engineer and the customer and additional to the requirements outlined below.
- Components other than the routine annual service components may require changing due to wear and tear or failure but only require changing as and when degradation or failure occurs and should not need to be changed routinely on an annual basis. These may be identified during service and changed as appropriate.
- Consumable items such as seals and filters may require changing at more frequent intervals outside of normal service intervals dependent on the frequency of use of the unit.
- The service manuals referred to in this document are:
  - 96-108639 "Service Manual Statim 1000/2000/2000S"
  - 96-106775 "Service Manual Statim L/5000/5000S"

**Note: Addendum 96-109424 is required for information on Revision 7 machines.**

#### Service Schedule.

##### Standard service parts required Statim 2000 and 2000S variants:

Part Number	Description
01-100028S	Seal and Lubricant kit A/B
01-100207S	Filter for air compressor, Statim 2000/2000S <b>(where fitted)</b>
01-102119S	Filter Biological, B/C <b>(where fitted)</b>
01-100574S	Check valve, B
01-100998S	Repair, Solenoid valve (Honeywell) A/B/C/D

##### Standard service parts required Statim 5000 and 5000S variants:

Part Number	Description
01-101649S	Seal and Lubricant kit C
01-101652S	Filter for air compressor, Statim 5000/5000S <b>(where fitted)</b>
01-102119S	Filter Biological, B/C <b>(where fitted)</b>
01-101627S	Check valve, C
01-100998S	Repair, Solenoid valve (Honeywell) A/B/C/D

For tooling and equipment requirements, please refer to Service Advice Sheet – Tooling and Equipment.

Operation Description	Manual section reference
<b>Main Statim unit.</b>	-
<b>With cover on;</b>	-
Run cycle on unit to check for leakage or faulting.	-
Check unit overall condition, including exhaust tube and bottle. Clean bottle, tighten fittings and check for kinks in exhaust tube as appropriate.	-
<b>With cover off:</b>	-
Check internal condition of unit, pay particular attention to corrosion.	-
Check water reservoir for contamination. If necessary, disconnect and remove reservoir, clean and rinse with warm distilled water. <b>Do not use any chemicals.</b> Refit reservoir.	-
Check and clean probes if required.	-
Remove and fit new bacteriological filter. (where fitted)	Req'd Info
Remove and fit new compressor filter. (where fitted)	Req'd Info
Remove and fit new solenoid plunger and associated parts.	Solenoid
Remove and fit new check valve.	Steam Generator
<b>Cassette.</b>	-
Remove cassette seal.	Req'd Info
Clean process residue from all surfaces of cassette. (Scotchbrite and chlorine free soap)	-
Check cassette for corrosion under seal seat.	-
Check cassette for damage. <b>Note:</b> pay particular attention to the rear hinge and rear wall of the base as damage in this area may cause steam leakage even if a new seal is fitted.	-
Fit new cassette seal.	Req'd Info
<b>Diagnostics and testing.</b>	-
<b>Note:</b> <ul style="list-style-type: none"> <li>• Control box, appropriate test cassette (with temperature and pressure port for 'S' units and temperature port only for non 'S' units), appropriate reference meters (temperature and pressure for 'S' units and temperature only for non 'S' units) and voltage meter are required for this section.</li> <li>• For correct diagnostics and calibration of 'S' units, both temperature AND pressure meters MUST be used.</li> </ul>	-
Check running function of pump, solenoid valve and compressor (control box buttons). Cassette must be disconnected from probes.	-
Check pump flow in accordance with steam generator type and correct as required.	Pumps
Check reference voltage as appropriate to board type and adjust as required. <b>Not required on revision 7 units.</b>	Thermo Calibration S Class Calibration

Switch off machine and switch on in calibration mode as appropriate to model.	-
Check steam generator thermocouple calibration as appropriate to board type. <ul style="list-style-type: none"> <li>• <b>Note: steam generator calibration is not required for software revision numbers XXXXR4XX onwards.</b></li> </ul>	Thermo Calibration S Class Calibration
During the above cycle, check pipe work and fittings for steam leaks.	-
Check and adjust chamber thermocouple calibration as appropriate to board type. <ul style="list-style-type: none"> <li>• <b>Note: on 'S' class units, pressure transducer calibration using the pressure reference meter must be done during this phase. Software revision XXXXR4XX onwards requires this to be done at barometric pressure at the start of the cycle. Previous software variants require this to be done during the sterilisation phase.</b></li> </ul>	Thermo Calibration S Class Calibration
When set, and during the running cycle, check that chamber temperature matches reference meter <b>and</b> that actual and theoretical pressure are within 1 kPa. <b>This is important for the efficient balance of the control and validation circuits. Failure to achieve this may result in unnecessary cycle failures.</b>	Thermo Calibration S Class Calibration
<b>Re-check</b> steam generator thermocouple calibration as appropriate to board type. <ul style="list-style-type: none"> <li>• <b>Note 1: steam generator calibration is not required for software revision numbers XXXXR4XX onwards.</b></li> <li>• <b>Note 2: if the initial steam generator calibration offset and final steam generator calibration offset are &gt; 8 hexadecimal values apart, the steam generator MAY be compromised and further investigation should be undertaken.</b></li> </ul>	Thermo Calibration S Class Calibration
After completion of calibration, run standard cycle to check temperature and pressure values.	-
Refit cover, and check all cycles are available.	-
Insert customer's cassette and run standard cycle. Check for leaks.	-
<b>On revision 7 units ONLY, enter service mode and activate 'Back up NVRAM'.</b>	-