



Advice Sheet 01/11/05

Notice on the use of the Statim S-Cycle Cassette Autoclave

SciCan
*Setting the Standards
in Sterilisation*

As a result of the requirements of the new European standard EN 13060 for small steam sterilisers, SciCan has validated through microbiological testing at independent research institutes the sterilisation of a wide range of dental turbines and handpieces. Instruments from all of the leading rotary instrument manufacturers were chosen.

Dental instruments (3 purge unwrapped hollow cycle)

- Bien-Air Bora L
- Kavo Gentle Power Lux 25 LPA
- Kavo Gentleforce 7000C
- Kavo Intramatic LUX3, 20 LH
- Kavo Super-Torque LUX/640 B
- NSK ATL118040
- NSK Pana Air
- NSK Ti-Max
- Midwest Tradition
- Sirona T1 Classic, S 40 L
- Sirona T1 Control, TC3
- Star 430 SWL
- W&H Trend HS, YC-95RM
- W&H Trend LS, WD-56

Dental instruments (6 purge wrapped hollow cycle)

- W&H TA-98 LC*
- W&H WA-99 LT*
- W&H WS-75*

* These instruments passed after being processed under the wrapped 6 purge cycle.

As can be seen, the instruments that were tested and passed the Statim's 'hollow unwrapped' cycle, included KaVo Supertorque and Gentleforce turbines; KaVo Intramatic instruments; NSK Pana Air turbines and slow speeds; Star turbines; the Sirona range of T1 turbines; Bien-Air, W&H Trend instruments, which are all built with predominantly metal components.

For those rotary instruments that include plastic components, an increased number of pre-sterilisation pressure pulses may be required and, consequently, it is advisable to employ the Statim 'hollow wrapped' cycle for such instruments. If in doubt about the composition of a dental rotary instrument, it is advisable to contact the manufacturer of the instrument.

Based on the extensive tests conducted, it is reasonable to assume that the Statim S cassette autoclave will perform similarly with other rotary instruments. Additionally, it is also possible to undertake daily validation of the Statim sterilisation cycle using the StatimHelix (specially designed process challenge device) – now included with every new Statim S-cycle autoclave.

For further information please visit our website at www.scican.com or call your local distributor of SciCan products.

SciCan products

BHT Hygienetechnik GmbH
Messerschmittstrasse 11
D - 86368 Gersthofen
Germany
Phone: +49 (0) 821 27893 400
Fax: +49 (0) 821 27893 401

SciCan
*Setting the Standards
in Sterilisation*