Air-driven, high-speed handpiece honored

SciCan handpieces withstand high sterilization temperatures and produce low friction coefficient

By SciCan Staff

For four years in a row, THE DENTAL ADVISOR awarded SciCan’s STATIS® ML air-driven high-speed handpiece the Top Air-driven Handpiece. Upon completion of the clinical evaluation in 2011, the STATIS received a 5+ and a 96 percent clinical rating.

Among the observations and comments made by consultants:

“Routine procedures, including crown preparation, were performed efficiently without the handpieces slowing or stall ing.”

“The STATIS ML is the handpiece of choice for crown preparation, as it produces high torque with four-port water spray.”

“I liked the weight, balance and small head size.”

“Great all-around handpieces.”


Consistent, quiet, powerful

State-of-the-art, STATIS high-speed handpieces combine consistent power, superb handling and quiet performance. The result is ergonomic handpieces that equip you with everything you need to deliver the highest level of dental care.

Powerful and durable, STATIS high-speed handpieces not only look good, according to the company, they also provide the highest level of precision handling. The smaller head size provides greater freedom of movement and improved accessibility. The pre-stressed ceramic ball bearings offer low vibration performance to improve the tactile feel of the instrument and the high-quality material and innovative design delivers extremely quiet performance and increased lateral cutting efficiency.

SciCan offers two high-speed air-driven handpieces to cover all clinical situations.

The ML 201.1 with standard head provides the power and durability you need for precise restorative and crown and bridge procedures.

The SL 10.1 offers a smaller head size that provides improved intraoral access, making it ideal for working on children and difficult-to-reach areas of the mouth.

According to the company, both high-speed model handpieces offer many features that enhance their performance and reliability. The advanced design offers better handling while the high-quality stainless-steel materials and PVD coating offer improved grip and less scratching. The unique patented push button chuck mechanism provides greater precision, improved centric running, reduced operating noise and less chattering.

The innovative spray system creates efficient cooling of the entire area and the enhanced head design eliminates suck back — preventing contaminated particles and dust from entering the head housing. Plus the Connex® L Quick connect system, SciCan’s alternative to MULTIflex® couplers, fits most modern treatment units.

High-tech ceramic bearings

One of the most important features of STATIS high-speed handpieces is the advanced turbine system. High-tech ceramic bearings and a new cage, composed of synthetic fiber and a reinforced composite resin, are designed to better withstand high sterilization temperatures and temperatures and produce a lower friction coefficient — key factors in preserving the bearings and maintaining high performance and longevity of the handpiece.

With STATIS high speeds, not only do you get a quieter, more powerful handpiece, you also get fewer failures and lower repair costs for a lower cost of ownership over the lifetime of the instrument. For state-of-the-art handpieces that are built without compromise, choose STATIS high speeds from SciCan.

As a result of extensive product development, field testing and research, the SANAO series of electric handpieces have been designed with ergonomics in mind. The SANAO electric handpieces have been ergonomically designed with a narrow, non-cylindrical shaped neck that ensures a solid, comfortable grip that delivers enhanced precision and control, and they are perfectly balanced for less hand fatigue.

Reduced tension, fatigue

Partnered with SciCan’s E-Statis® Advantage and SLM motor, the centre of gravity is shifted to the fulcrum of the hand, producing optimal balance and reducing wrist tension and fatigue. The flat surface on the SANAO’s shoulder provides enhanced stability and access when working on the upper areas of the mouth.

Marvel of miniaturization

A marvel of miniaturization, with a head height as tiny as 13 mm, the SANAO line can access the hardest to reach places. The small head size SANAO models 40L, 40, 10L, 10) increases the freedom of movement inside the oral cavity.

SciCan’s innovative HPS (Hygiene Protection System) resin prevents build-up of debris in the inner cavities of the instrument. The HPS eliminates this notoriously difficult to clean area.

The SANAO electric handpiece series includes eight different models for a variety of applications. These applications include handpieces for high-speed procedures (crown and bridge), low-speed procedures (finishing and polishing), and even prophylaxis.

Disinfectant and autoclave

For optimal reprocessing of the STATIS and SANAO handpieces, the SciCan reprocessing system with the STATIMATIC™ handpiece maintenance unit, HYDRIM® G4 washer-disinfector and STATIM® G4 cassette autoclaves are highly recommended.

To experience the benefits of the STATIS and SANAO handpieces, you can visit booth No. 1029 here at the exhibit hall at the 2014 Pacific Dental Conference. STATIS, STATIM, HYDRIM, SANAO, E-Statis, Statmatic and “Your Infection Control Specialist” are trademarks of SciCan Ltd. MULTIflex is a registered trademark of Kaltenbach & Voigt GmbH.

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