**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.

- The observations and comments made by consultants: "Routine procedures, including crown preparation, were performed efficiently without the handpieces slowing or stalling."

- 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."


**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 ML 101.1 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 dirt from entering the head housing. Plus the Connex® ML 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 produce a lower friction coefficient — key factors in preserving the bearings and maintaining high performance and longevity of the handpiece.

SciCan's STATIS, STATIM, HYDRIM, SANAO, ISOVAC, and MULTIFLEX Technologies are designed to deliver the highest level of dental care.

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 ergonomic 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® Advancer 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.

**Disinfector and autoclave**

For optimal reprocessing of the STATIS and SANAO handpieces, the SciCan reprocessing system with the STATIM™ 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-Statim, Statmatic and “Your Infection Control Specialist,” are trademarks of SciCan Ltd. MULTIFLEX is a registered trademark of Kaltenbach & Voigt GmbH.

**ISOLITE**

Stable and comfortable for the patient. The safety advantages and ease of use will boost your practice’s efficiency, results and patient satisfaction.

Isolite Systems provides three state-of-the-art product solutions: Isolite, illuminated dental isolation system; Isodry, a non-illuminated dental isolation; and the new Isovac, dental isolation adapter.

Using the Isolation Mouthpieces, all three dental isolation products comfortably isolate upper and lower quadrants simultaneously while providing continuous hands-free suction. This allows a positive experience where the patient no longer has the sensation of drowning in saliva/water during a procedure and the practitioner can precisely control the amount of suction/humidity in the patient’s mouth.

Isolite Systems dental isolation is recommended for the majority of dental procedures where oral control and dental isolation in the working field is desired. It has been favorably reviewed by leading independent evaluators and is recommended for procedures where good isolation is critical to quality dental outcomes.

Visit the Isolite booth at the Pacific Dental conference, No. 1410, or go to www.isolitesystem.com.

**COO**

guide your future COO:

This organization is the Dental Office Managers and Administrators of Canada (DOMACAN), which was created to bridge the gap between the clinical and business sides of dentistry.

It is the official Canadian education and networking association for all dental professionals: office managers, administrators, treatment coordinators, patient coordinators, hygienists, assistants, spouses and dentists.

The organization’s goal is to be the trusted daily, weekly and monthly news and information resource with tools, tips and inspiration for dental practice success and profitability.

DOMACAN strives to bring the best and most relevant speakers to our annual conference and provide members with networking opportunities year-round through forums, articles, webinars and our “Ask the Expert” resources.

DOMACAN has something for everyone on the dental team. I invite you to become a member today by visiting www.domacan.org. For a limited time, you will be able to enjoy a complimentary membership courtesy of Henry Schein.

If you want to take your practice to the next level, you need to understand that you need to take your team to the next level. To take a first step, join DOMACAN and start training the right person to be your COO to maximize the potential in your team and your office today.

**About the author**

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