

# STATIS and SANA0



Quality and  
Precision  
Handpieces

# Quality and Precision



STATIS SL 101

# you can Trust

SciCan strives to make your dental procedures easier by providing reliable handpieces with superior design and quality performance.

# AIR-DRIVEN HANDPIECES

**STATIS® Air-driven high-speeds.**  
**Designed without compromise.**

## **Efficient**

With maximum 20 watts of power and a strong chuck mechanism (32 Ncm), tooth preparations are performed with the utmost precision.

## **Economical**

The technologically advanced cage material\* increases the useful life of the ball bearings resulting in a low cost of ownership.

## **Ergonomically Friendly**

Comfortable handling for the dentist due to its light weight design that is perfectly balanced when attached to the dental tubing. Easy access because of the small head design.

## **Excellent light, shadow – free illumination**

25.000 LUX leaves nothing in the dark, so you enjoy the best views of preparation site without straining your eyes.

## **Made in Germany**

High-quality materials only, the greatest requirements for quality.

\* Cage material: Ball bearing cage made out of a synthetic fiber reinforcement composite-resin. Improves lubrication and oil absorption and lowers the friction coefficient.



**STAT/S ML, the Dental Advisor  
'Top Air-Driven, High Speed Handpiece'  
award winner since 2011.**



Upon completion of the clinical evaluation in 2011, the STAT/S received a 5+ and a 96% clinical rating. Consultants observed, "...routine procedures, including crown preparation were performed efficiently without the handpieces slowing or stalling." "The STAT/S ML is the handpiece of choice for crown preparation, as it produces high torque with four-port water spray." Consultants comments included, "I liked the weight, balance, and small head size," and "... great all-around handpieces."

## CONNEX™ Coupling

When connected to a CONNEX coupling the STAT/S turbines can be swiveled through a full 360°, without tension in your wrist and without dental tubing becoming twisted. The coupler also contains a non-return valve to prevent contaminated water from returning to the dental tubing and unit. The ultra - bright and long - life LED lights the way for even the trickiest, hard to reach procedures.





	<b>STAT/S ML</b> S10000	<b>STAT/S SL</b> S10001
Power (Watts)	20	17
Spray System	4	1
Noise level (dBA)	57	59
Head height (mm) (with 19 mm bur)	20.4	20.4
Head height (mm)	12.9	11.6
Head diameter (mm)	12.5	10.8
Max. Speed (RPM)	380,000	380,000
Lighting System	Yes	Yes
Ceramic Ball Bearings	Yes	Yes
Weight (g)	77	77
Hygiene Protection	Anti Suck-Back	Anti Suck-Back
Warranty	2 years	2 years

	<b>Connection</b>	<b>Light</b>
<b>Connex LED</b> S10010	6 pin	LED bulb

# ELECTRICAL ATTACHMENTS

SANAO™ precision handpieces - the perfect balance of engineering and ergonomics.

## Efficient

Its speed results in optimal, consistent power and precision in preparations.

## Hygiene Protection for Patients and Staff

Filled with SciCan's Hygiene Protection System resin to help prevent build up of debris inside the dental handpiece.

## Ergonomically Friendly

The design of the SANAO handpiece was inspired by a group of 35 dentists asked to use clay to create a handpiece that had optimal balance with tubing, control in the hand and great access.





# HPS

HYGIENE PROTECTION SYSTEM

Filled with SciCan's HPS resin (Hygiene Protection System) to help prevent build up of debris.

A dental handpiece is an intricate assembly of finely engineered components built into narrow channels within the handpiece.

In a traditional construction, these channels can collect matter and are notoriously difficult to clean effectively.

These hard to clean channels within the SANA O line of handpieces are filled with SciCan's HPS resin that closes the door on any material that might otherwise find its way inside.





Handpiece	Max. RPM	Common Applications
<b>Slowspeed</b>		
SANAQ 40	40,000	Cavity Prep, Finishing
SANAQ 10	8,000	Endo, Cavity Prep, Finishing
SANAQ PSO	8,000	Prophy, Polishing, for Snap-on or Screw-in cups or brushes
SANAQ 40ST	40,000	Surface finishing
<b>With light system</b>		
SANAQ 200L	200,000	Removal of decayed matter, cavity and crown preparations
SANAQ 40L	40,000	Cavity Prep, Finishing
SANAQ 10L	8,000	Endo, Cavity Prep, Finishing

**SANAO 200L**

S20100

**SANAO 40L**

S20101

**SANAO 40**

S20102

**SANAO 10L**

S20103

Transition Ratio	1:5	1:1	1:1	5:1
Maximum Speed	200,000	40,000	40,000	8,000
Head Diameter (mm)	10.2	10.2	10.2	10.2
Head height (mm) (with 19 mm bur)	23.2	23.6	23.6	23.6
Head Height (mm)	15.5	13.7	13.7	13.7
Weight (g)	77.5	68.9	70.9	73.2
Noise Level (dBA)	61	61	61	61
Spray system	3	1	1	1
Lighting System	Glass rod	Glass rod	-	Glass rod
Warranty	2 years	2 years	2 years	2 years

**SANAO 10**

S20104

**SANAO PSO**

S20106

**SANAO 40ST**

S20107

Transition Ratio	5:1	5:1	1:1
Maximum Speed	8,000	8,000	40,000
Head Diameter (mm)	10.2	9.0	-
Head height (mm) (with 19 mm bur)	23.3	-	-
Head Height (mm)	13.7	13.8	-
Weight (g)	71.2	66.8	73.3
Noise Level (dBA)	61	61	61
Spray system	1	-	1
Lighting System	-	-	-
Warranty	2 years	2 years	2 years

# STATMATIC™†

The ultimate care system for handpieces and their chuck mechanisms.

## Extends the Life of your Handpieces

It properly lubricates and purges your handpieces. This and the additional integrated chuck maintenance system increase the working lifetime of your instruments.

## Optimizes Staff Productivity

Its automated process optimizes working procedures in your practice, allowing staff to focus on alternative tasks.

## Time-Saving

Up to three handpieces can be lubricated and purged in less than 2 minutes.\*

**3 YEAR WARRANTY**



\* Depending on selected lubrication cycle

**STATMATIC Spray<sup>†</sup>** cleans and protects your handpieces to ensure long lasting service.



STM500-6EU

\*for use in STATMATIC Unit only

## STATMATIC Specifications

S30000

Dimensions (W x D x H)	285 x 190 x 400 mm (11.4x7.6x16 inches)
Weight	8.6 kg 18.9 lbs
Electrical Ratings	Rated voltage: 100-230 V Rated frequency: 50/60Hz Rated power: max.30 VA
Protection Class	1
Ambient temperatures	5-40°C (41-104°F)
Noise Level (dBA)	60 (65)
Relative Humidity	Max. 85%
Compressed Air	4-6 bar (58-87 psi)
Air Consumption	40 NL/min
Compressed Air quality	Residual oil content: max. 0,1 mg/m <sup>3</sup> Residual dust: max 1µ; max. 1 mg/m <sup>3</sup> Residual water: max. 0.1 g/m <sup>3</sup> at -40°C
Cycle time	Pre-blowing time 15 seconds (standard) plus lubrication time, which can be set from 15, 20, 30 and 40 seconds.

# STATMATIC™ smart

Thorough internal cleaning and maintenance specifically designed to meet the challenges created by complex designs of modern contra angles and turbines.

## Flexibility

Four different cleaning and maintenance programs offer flexibility and individual procedures.

## Ease of Use

The display shows program details and allows for easy operation.



## STATMATIC smart Specifications

<b>Dimensions (W x D x H)</b>	300 x 280 x 345 mm (11.8x 11.0x13.6 inches)
<b>Weight</b>	7,3 kg 15.8 lbs
<b>Electrical Ratings</b>	Rated voltage: 100-230 V Rated frequency: 50/60Hz Rated power: max.45 VA
<b>Protection Class</b>	1
<b>Ambient temperatures</b>	5-35°C (41-95°F)
<b>Noise Level (dBA)</b>	60 (65)
<b>Relative Humidity</b>	Max. 85%
<b>Compressed Air</b>	4,5-6 bar (65-87 psi)
<b>Air Consumption</b>	40 NL/min
<b>Compressed Air quality</b>	Residual oil content: max. 0,1 mg/m <sup>3</sup> Residual dust: max 1µ; max. 1mg/m <sup>3</sup> Residual water: max. 0.1 g/m <sup>3</sup> at -40°C

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