

SciCan

STAT/S and SANA O



Quality and
Precision
Handpieces

 COLTENE

Quality and Precision



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.



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.





	STAT/S ML S10000	STAT/S SL 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	74
Hygiene Protection	Anti Suck-Back	Anti Suck-Back
Warranty	2 years	2 years

	Connection	Light
Connex LED 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.

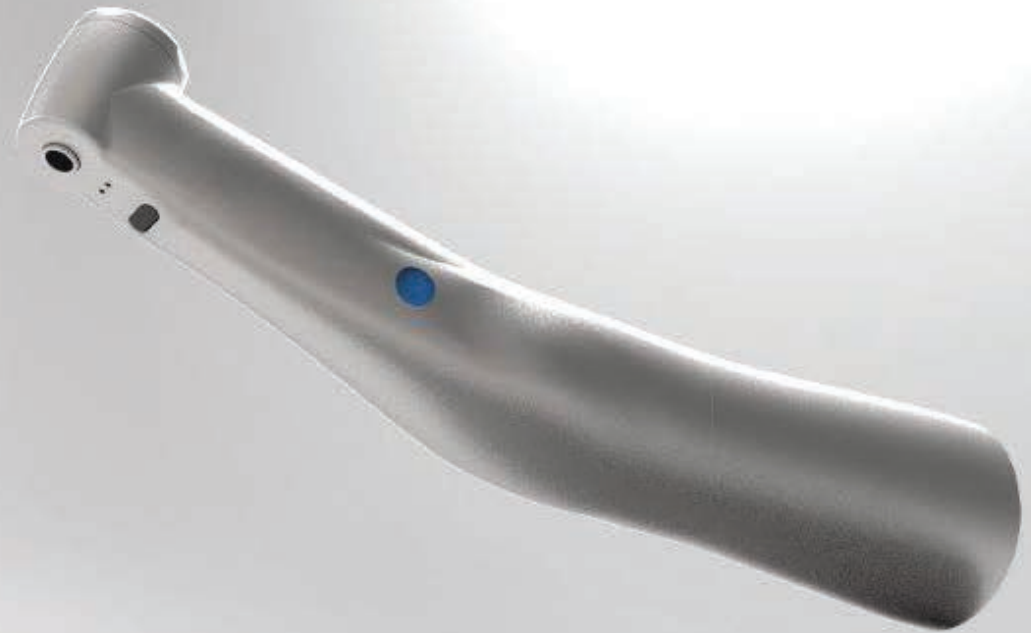
Ergonomically Friendly

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.

German Engineering

High-quality materials, the highest requirements for quality.





Optimal Cooling

Drilling of teeth creates heat and debris. An efficient 3-port spray* cools the tip of the bur and flushes out the treatment area.

Flat Out Better

The flat surface on the SANAO's shoulder provides enhanced stability, precision and access when working on the upper areas of the mouth.

Get a Grip

The non cylindrical arm and built-in contour deliver a sure grip that allows for easy/ blind orientation of the tool towards the target area.

* Applies to 1:5 highspeed,
see next pages for full specifications



Handpiece	Max. RPM	Common Applications
Slowspeed		
SNAO 40	40,000	Cavity Prep, Finishing
SNAO 10	8,000	Endo, Cavity Prep, Finishing
SNAO PSO	8,000	Prophy, Polishing, for Snap-on or Screw-in cups or brushes
SNAO 40ST	40,000	Surface finishing
With light system		
SNAO 200L	200,000	Removal of decayed matter, cavity and crown preparations
SNAO 40L	40,000	Cavity Prep, Finishing
SNAO 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)	15.4	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[†] 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/m³ Residual dust: max 1µ; max. 1 mg/m³ Residual water: max. 0.1 g/m³ 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

Dimensions (W x D x H)	300 x 280 x 345 mm (11.8x 11.0x13.6 inches)
Weight	7,3 kg 15.8 lbs
Electrical Ratings	Rated voltage: 100-230 V Rated frequency: 50/60Hz Rated power: max.45 VA
Protection Class	1
Ambient temperatures	5-35°C (41-95°F)
Noise Level (dBA)	60 (65)
Relative Humidity	Max. 85%
Compressed Air	4,5-6 bar (65-87 psi)
Air Consumption	40 NL/min
Compressed Air quality	Residual oil content: max. 0,1 mg/m³ Residual dust: max 1µ; max. 1mg/m³ Residual water: max. 0.1 g/m³ at -40°C

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