



ELECTRIC MICROMOTOR SYSTEMS

NLZ Electric System NSK America



Brushless micromotor that helps any air-driven handpiece convert to electric. Provides comfort and safety features applicable to a wide range of dental treatments. Safety innovation with "Contra Angle Check" function, more efficient endodontic treatment with "Reciprocating" function, and safer endodontic treatment with "Endodontic Torque Calibration" function. Maximum torque: 4.2 Ncm and endodontic torque: 0.3–6.0 Ncm. Motor speed: 100–40,000 min⁻¹. More compact, with improved safety and flexibility for different installation styles. Powerful, yet lightweight 57 Gm. motor. Minimal heat generation. White LED light. 3-year warranty.

Electric Micromotor E S120 with WaveOne® (Endo)
(786-0282)..... Ea. **3,598.99**
Contains: 1 of each: NLZ U control unit, NLZ motor, NLZ CD handpiece cord & AC power cord.

Electric Micromotor S120 (Without Endo)
(786-0284)..... Ea. **2,698.99**
Contains: 1 of each: NLZ U control unit, NLZ motor, NLZ CD handpiece cord & AC power cord.

NLX Nano Electric System

Brushless motor with a durable LED light. NLX Nano is compatible with existing optic or non-optic contra angles. Combined with contra angles, it covers a speed range of 100–2,000 min⁻¹, making it suitable for multiple applications. 3.4 Ncm torque. 3-year warranty.



Complete Unit
(786-0128)..... Ea. **1,998.99**
Contains: 1 of each: NLX Nano control unit, NLX Nano motor, NLX Nano cord & NLX Nano AC adapter.

Tabletop Bracket
For NLX Nano or NL400
(786-0133)..... Ea. **87.99**

TI-MAX Z SERIES ULTRA PREMIUM ELECTRIC ATTACHMENTS

Ti-Max Z Premium Electric Attachments

Electric handpiece that operates at a remarkable low-noise level with virtually no vibration, enhancing clinician concentration and patient comfort. Small head and slim neck allow outstanding visibility and better access to difficult-to-reach posterior preparations. Unique head-cap design helps limit heat generation. Solid titanium is 30% lighter. 2½ year warranty.

Z95L Standard Head
• 1:5 Increasing
• Quattro spray
• Maximum speed of 200,000 min⁻¹
• For FG burs

Ti-Max Z95
(786-0221)..... Ea. **1,628.99**



Z25L Direct Drive
• 1:1 Direct Drive
• Single spray
• Maximum speed of 40,000 min⁻¹
• For CA burs

(786-0223)..... Ea. **1,398.99**



Z45L 45°
• 1:4.2 Increasing
• Quattro spray
• Maximum speed of 168,000 min⁻¹
• For FG burs

(786-0242)..... Ea. **1,628.99**



TI-MAX X SERIES PREMIUM ELECTRIC ATTACHMENTS

Ti-Max X Series Premium Electric Attachments

The latest electric attachment technology, combined with an elegant ergonomic design. Internal gear system reduces noise and vibration. Additional features include ceramic bearings, Quattro (4) Spray, NSK's patented Clean Head System, a solid titanium body, and a scratch-resistant DURACOAT surface. 2-year warranty.

Fiber Optic Attachments

X95L Standard Head

- 1:5 Increasing
- Quattro spray
- Maximum speed of 200,000 min⁻¹
- For FG burs

(786-0140)..... Ea. **1,338.99**



X85L Mini Head

- 1:5 Increasing
- Single spray
- Mini head
- Maximum speed of 200,000 min⁻¹
- Short-shank burs only

(786-0142)..... Ea. **1,318.99**



X25L Direct Drive

- 1:1 Direct Drive
- Single spray
- Maximum speed of 40,000 min⁻¹
- For CA burs

(786-0148)..... Ea. **1,088.99**



X65L Straight Handpiece

- 1:1 Direct Drive
- Single spray
- Maximum speed 40,000 min⁻¹
- For CA burs

(786-0150)..... Ea. **1,068.99**



S-MAX M SERIES ELECTRIC ATTACHMENTS

S-Max M Series Electric Attachments

Durable and quiet, this ergonomic and well-balanced instrument allows good accessibility and has a superb grip. Features ultraprecise micro-machining technology and integrated shaft bearings, which reduce vibration and guarantee more accurate and consistent cutting. 1-year warranty.

- Quattro spray
- Stainless steel
- Maximum speed of 200,000 min⁻¹
- For FG burs

Cellular Glass Optic Attachment—M95L
(786-0226)..... Ea. **1,048.99**

Non-Optic Attachment—M95
(272-0546)..... Ea. **848.99**





TI-MAX Z AIR TURBINE HANDPIECES

Ti-Max Z Series Ultra Premium Air Turbines

The Z900L is the most powerful high-speed air turbine on the market at 26 watts. DURAGRIP surface treatment makes it easier to grasp the titanium body, even when wet. Interchangeable cartridge, ceramic bearings, Quattro Spray, Clean Head System, and cellular glass optics. 2½-year warranty.



Z900L Standard Head

- Power: 26W/24W (KL type)
- Speed: 330,000–400,000 min-1
- Push-button chuck

Z900L Series..... Ea. **1,468.99**

Specify:

For NSK Coupling–Z900L (786-0257)

For KaVo® MULTiflex® Coupling–Z900KL (786-0259)

For W&H RQ Coupling–Z900WL (786-0255)..... Ea. **1,468.99**



Z800L Mini Head

- Power: 23W/21W (KL type)
- Speed: 360,000–430,000 min-1
- Push-button chuck

Z800L Series..... Ea. **1,468.99**

Specify:

For NSK Coupling–Z800L (786-0256)

For KaVo® MULTiflex® Coupling–Z800KL (786-0258)

For W&H RQ Coupling–Z800WL (786-0254)..... Ea. **1,468.99**

TI-MAX X AIR TURBINE HANDPIECES

Ti-Max X Series Premium Air Turbines

Premium-quality, high-performance turbine handpiece that is designed to be in total harmony with the human hand. Integrated shaft bearings provide higher rigidity for reduced vibration and more accurate, consistent cutting. Offers NSK's patented Clean Head System, Quattro spray, cellular-glass optics, and dual air-jet turbines, which generate 21 watts of power. Additional features include a solid titanium body—which is 30% lighter than stainless steel—and a DURACOAT scratch-resistant surface. 2-year warranty.



X600L Standard Head

- Power: 21 W
- Speed: 380,000–440,000 min-1
- Head size: 13.6mm H x 11.2mm W

X600L..... Ea. **1,109.99**
3@ **999.99**

Specify:

For NSK Coupling X600L (786-0113)

For KaVo® MULTiflex Coupling X600KL (272-0854)

For W&H LED Coupling X600WLED (786-0107)..... Ea. **1,109.99**
3@ **1,099.99**



X500L Mini Head

- Power: 17 W
- Speed: 390,000–450,000 min-1
- Head size: 11.7mm H x 10.3mm W
- Short-shank burs only

X500L..... Ea. **1,109.99**
3@ **999.99**

Specify:

For NSK Coupling X500L (786-0110)

For KaVo® MULTiflex® Coupling X500KL (786-0111)



Ti-Max X450 45° Air Turbines

Slim-form, titanium-bodied handpiece possesses a unique 45° angled head. Specifically designed to access hard-to-reach areas for sectioning and extracting third molars and other impacted teeth. Features 21 watts of cutting power, triple water jets, and Clean Head System. For FG extra-long burs only. 2-year warranty.

Optic Ea. **978.99**

Specify:

5-Hole Fixed Back End (786-0246)

NSK Back End (786-0244)

KaVo Back End (786-0245)

Non-Optic 4-Hole Midwest Coupling (786-0243)..... Ea. **778.99**

S-MAX M AIR TURBINE HANDPIECES



S-Max M Series Air Turbines

Features a slim, ergonomically designed body for excellent visibility. Ultraprecise micro-machining technology reduces noise and vibration. Quattro water spray effectively cools the entire field. Stainless steel. 1-year warranty.

Cellular Glass Optic Handpiece–M600L..... Ea. **748.99**

Specify:

For NSK Coupling–M600L (786-0227)

For KaVo® MULTiflex Coupling–M600KL (786-0228)

Non-Optic Handpiece–M600..... Ea. **648.99**

Specify:

For NSK Coupling–M600 (786-0229)

For KaVo® MULTiflex Coupling–M600K (786-0230)

Cellular Glass Optic Handpiece–M500L Mini Head For NSK Coupling (272-0570)..... Ea. **748.99**

Non-Optic Handpiece–M500 Mini Head For NSK Coupling (272-0571)..... Ea. **648.99**

S-MAX PICO AIR TURBINE HANDPIECES



S Max Pico Air Turbines

Innovative air turbine with an ultra-mini head (9mm) and super-slim body shape. Offers 9 watts of power. The design delivers expanded operational visibility and better access while it improves patient comfort. For short-shank burs/ultrashort-shank burs only. Cellular glass optics. 1-year warranty.

S-Max Pico..... Ea. **849.99**
3@ **839.99**

Specify:

For NSK Coupling (786-0094)

For KaVo® MULTiflex LUX Coupling (786-0096)



PANA-MAX SERIES

Pana-Max High-Speed Handpieces

High-performance, reliable, fixed-back handpiece. Precision engineered to offer the power and reliability required to perform clinical procedures. The stainless-steel body is comfortable in the hand and is angulated at the optimal degree for excellent visibility. Ceramic bearings, NSK's Clean Head System, and push-button chuck are also included. 1-year warranty.

Pana-Max Plus

- ISB turbine
- Quattro spray
- Fixed-back

4-Hole.....Ea. **518.99**
3@ **508.99**

Specify:

Standard Head (786-0100) Mini Head (786-0101)



Pana-Max

- Single spray
- Fixed-back

Standard Head, 4-Hole
(786-0097).....Ea. **418.99**
3@ **408.99**



COUPLERS

LED Couplings

Stainless-steel body with a titanium coating. Nonretraction valve. LED incorporated in coupling.

Coupling.....Ea. **378.99**

Specify:

For NSK Model Handpieces (786-0121)

For KaVo® MULTIflex® LUX
with Water Adjuster (786-0123)



LED Light Assembly for Couplers

(272-0587).....Ea. **50.99**

Fiber Optic Couplings

Stainless-steel body with a titanium coating. Nonretraction valve. Lightbulb included in coupling.

Coupling.....Ea. **268.99**

Specify:

For NSK 6-Hole (786-0124)

For Midwest® NSK 5-Hole Coupling (786-0125)



4-Hole Non-Fiber Optic Coupling

Stainless-steel body with a titanium coating. Nonretraction valve. For Midwest®/NSK Coupling

(272-0173).....Ea. **228.99**



iPROPHY AIR HYGIENE HANDPIECE

iProphy Air® Hygiene Handpiece

This lightweight, ergonomic, and quiet hygiene handpiece features a slim, short design that minimizes hand fatigue and provides good balance. Swivels 360° to provide improved maneuverability during polishing procedures. Unique 2-part construction allows for just the nose cone portion to be sterilized for proper disinfection and compliance. Compatible with all standard Doriot-style disposable or metal angles, and connects directly to all 4-hole tubing. 1-year warranty.

Complete Unit (786-0235).....Ea. **768.99**

Contains: 1 of each: motor, nose cone & set of 4 color rings.

Air Motor (786-0239).....Ea. **599.99**

Nosecone (786-0237).....Ea. **171.99**



FX SERIES LOW-SPEED SYSTEMS

FX Series Low Speed System

Integrated ergonomic handpieces that are functional and reliable. Simple technology and a durable, modern design. High-precision gear system that operates quietly and virtually without vibration. Push-button chuck allows simple, one-touch bur insertion and removal without the need for a chuck tool. 1-year warranty.

FX204 Non-Optic Air Motor

Fits Midwest 4-hole.

(272-0862).....Ea. **598.99**



FX65

Straight 1:1 Direct Drive. For handpiece burs. Max. speed: 40,000 min-1. (272-0861).....Ea. **448.99**



FX57

4:1 deduction. Prophylaxis for screw-in cups and brushes. No water spray.

(272-0285).....Ea. **124.99**

FX25

1:1 Direct Drive. For CA burs. Push-button chuck. Ball bearings. Max. speed: 40,000 min-1.

(272-0864).....Ea. **498.99**



EX SERIES LOW-SPEED SYSTEMS

EX Series Low Speed System

An easy-to-use, modular low-speed, air-driven system consisting of separate head and handpiece options. Constructed with a durable aluminum body. Fits most e-type low-speed air motors. 6-month warranty.

EC, 1:1 Direct Drive Handpiece

(272-0267).....Ea. **104.99**



EX-5B, 4:1 Reduction

For HP burs and DPAs.

(786-0197).....Ea. **309.99**



Non-Optic Push-Button

Heads.....Ea. **209.99**

Specify:

FFB-Y, for FG Burs (272-0031)

FPB-Y, for CA Burs-Ball Bearing (272-0047)



PANA SPRAY

Pana Spray Plus

Specially formulated, highly effective general handpiece and air-motor lubricant that contains alcohol for better cleaning efficiency. Application after handpiece usage ensures better performance and durability for high- and low-speed handpieces and air motor.

Spray Can (272-0729).....Ea. **66.99**
6@ **64.99**

Contains: 1 of each: 10.5 oz. Pana Spray Plus spray can & cleaning chuck nozzle.

Nozzle-E-Type (786-0179).....Ea. **13.29**





E-STATIS™ ELECTRIC MOTOR SYSTEMS



E-STATIS™ Advantage Electric Handpiece System

Comes equipped with the advanced E-STATIS™ SLM (short LED micromotor), one of the smallest torque-controlled motors. Touch screen offers simple operation and is equipped with customizable settings for both operative and endodontic procedures, including torque control and autoreverse. The Advantage is designed to offer flexibility to meet your specific needs. 3-year warranty.

- Brushless technology: greatly reduces service requirements
- Short and lightweight motor is fully autoclavable

Complete Unit
(138-0101)..... Ea. **3,529.99**
 Contains: 1 of each: E-STATIS™ Advantage control unit, display, electric motor & tubing.



E-STATIS™ Prep Electric Handpiece System

Comes equipped with the advanced E-STATIS™ SLM (short LED micromotor), one of the smallest torque-controlled motors. Touch screen offers simple operation and is equipped with customizable settings for both high- and low-speed procedures. The Prep is designed to offer flexibility for all general dental procedures. 3-year warranty.

Complete Unit
(138-0115)..... Ea. **2,609.99**
 Contains: 1 of each: E-STATIS™ Prep Control unit, display, electric motor & tubing.

SANAO™ ATTACHMENTS



Sanao™ 200L High-Speed Contra Angle Attachment

High-speed Electric Attachment: 1:5 increasing, glass rod, 3-port spray, push-button autochuck for friction-grip burs. Sterilizable. 2-year warranty.

(772-0590)..... Ea. **1,489.99**



Sanao™ 40L Contra Angle Attachment

Low-speed Electric Attachment: 1:1 glass rod, 1-port spray, push-button autochuck for latch-type burs. Sterilizable. 2-year warranty.

(772-0591)..... Ea. **1,269.99**



Sanao™ 40 Contra Angle Attachment

Low-speed Air or Electric Attachment: 1:1 reduction, 1-port spray, push-button autochuck for latch-type burs. Sterilizable. 2-year warranty.

(772-0592)..... Ea. **1,029.99**



Sanao™ 10L Contra Angle Attachment

Endo Electric Attachment: 5:1 reduction, 1-port spray, fiber-optic glass rod, push-button autochuck for latch-type burs. Sterilizable. 2-year warranty.

(772-0595)..... Ea. **1,269.99**



Sanao™ 40ST Straight Attachment

Low-speed Straight Air or Electric Attachment: 1:1 reduction, 1-port spray, push-button autochuck for straight-type burs. Sterilizable. 2-year warranty.

(772-0599)..... Ea. **739.99**

STATIS™ HIGH-SPEED HANDPIECE



STATIS™ High-Speed Fiber-Optic Handpieces

Features 2 head sizes for precise preparations of all kinds offer ergonomic and sleek design to improve user handling. Features include 25,000-lux lighting, push-button chuck mechanism to provide higher precision and improved centric running, ceramic bearings in a new cage material to improve lubrication and oil absorption, and a universal coupler for greater compatibility with Connex and MULTIflex® couplings. Miniature head handpiece with its small head design, provides improved accessibility, and is perfect for pediatric applications. Sterilizable. 2-year warranty.

Handpieces..... Ea. **1,439.99**
 3@ **1,419.99**

Specify:
 ML 201.1 Medium Head **(138-0027)**
 SL 101.1 Small Head **(138-0028)**

Connex Couplers
 5-Hole GR..... Ea. **309.99**
(138-0030)

6-Pin LED
(138-0116)..... Ea. **389.99**

StarDental® Instruments

High-Speed Handpieces

430-Series Handpieces

Made from durable, stainless-steel construction, the scalloped handle of the 430-Series is designed to minimize debris buildup and enhance its balance and feel. Its small head, only 11 mm in diameter, greatly facilitates the overall access and maneuverability. Handpieces are available in LubeFree or Lubricated models.

Ceramic Bearing Turbine
Ceramic bearings are 25% harder than stainless steel for higher resistance to damage from debris entering the turbine.

Solid Glass-Rod Fiber Optics
High-quality fiber-optic glass designed to withstand the rigors of steam sterilization, 5-year warranty on fiber optics. (430SWL models only)

Small Head & High-Torque
Improves accessibility and visibility. High power enables fast and precise removal of tooth surface and amalgam.

Sterility Assurance
Autoclaved at 121°C or 135°C.

NEW!



430SWL® Torque Flex

Combines the power of the 430 Torque with flex coupling. Provides convenient, powerful performance. Small head design. Fiber-optic lighting and 31 watts of power. 1-year warranty.

LubeFree Model (808-0410)	Ea.	1,574.99
	3@	1,554.99
Lubricated Model (808-0408).....	Ea.	1,559.99
	3@	1,539.99



430K Handpiece with Autochuck

Nonfiber-optic high-speed handpiece with ceramic bearing autochuck turbine. Fixed back end. 4-hole. 1-year warranty. LubeFree Model

(808-9326)	Ea.	889.99
	3@	869.99

*Independent study on file with StarDental.



430SWL® Torque Handpieces

StarDental® is the new name in power. Ergonomically designed with a stylish satin finish and small head delivering 27 watts of power*.

LubeFree Model (808-0351).....	Ea.	1,449.99
	3@	1,429.99
Lubricated Model (808-0353).....	Ea.	1,554.99
	3@	1,534.99

430SW™ Torque Handpieces

LubeFree Model (808-0350).....	Ea.	949.99
	3@	929.99
Lubricated Model (808-0355).....	Ea.	1,074.99
	3@	1,054.99



430SWL® Flex High-Speed Fiber-Optic Handpieces

KaVo compatible 430SWL. Satin Finish LubeFree Model (808-0320)

430SW™ Handpiece

Nonfiber-optic high-speed handpiece with ceramic bearing autochuck turbine. 1-year warranty.

LubeFree Model	Ea.	889.99
	3@	869.99

Specify:

Classic Finish LubeFree Model	(808-8657)
Satin Finish LubeFree Model	(808-0286)

Lubricated Model #264951

(808-0171).....	Ea.	1,019.99
	3@	999.99

Note: Attaches to 2/3-line or 4-line Star 360 swivel.

430SWL® High-Speed Fiber-Optic Handpieces



Stainless steel handpieces that feature bifurcated solid-glass fiber optics. Single-port spray. 1-year warranty on LubeFree handpiece and turbine, 2-year warranty on Lubricated handpiece and turbine, and 5-year warranty on fiber optics.

LubeFree Model	Ea.	1,334.99
	3@	1,314.99

Specify:

Classic Finish LubeFree Model	(808-1068)
Satin Finish LubeFree Model	(808-0285)

Lubricated Model (808-0848)	Ea.	1,529.99
	3@	1,509.99

Note: Attaches to Star HiFlo swivels.



430SWL® 45 LubeFree Handpiece

Provides access to the posterior area of the oral cavity. Engineered for removing impacted third molars as well as other endodontic and periodontal procedures. Side ports exhaust air away from the surgical site to reduce the risk of air embolism.

Fiber-Optic Model (808-0318).....	Ea.	1,139.99
NonFiber-Optic Model (808-0319).....	Ea.	849.99

StarDental® Instruments

Star® Simplicity™ Handpieces

Simplicity builds upon the history of innovation for which StarDental is known. This line provides the user with a choice of handpiece options to suit their needs. Each high-speed handpiece features durable, stainless steel construction; a lubricated turbine for smooth, high-torque operation; a push-button autochuck and a unique water spray to keep the tooth and bur cool. Each model comes with a 1-year warranty.



Simplicity FX Push-Button Handpiece
Offers single glass-rod optics for shadow-free illumination and a fixed back-end connection.
(808-0272) Ea. **389.99**



Simplicity SW NonFiber-Optic Handpiece
Uses a 4-hole swivel.
(808-0270) Ea. **429.99**

Solara® QT Titanium Handpieces

Lightweight titanium, fiber-optic handpiece with sound dampening technology. Features a small 10.5mm head, single-port spray and push-button autochuck. 1-year warranty on handpiece and 5-year warranty on fiber optics.



LubeFree Model
(808-0266) Ea. **1,524.99**
3@ **1,504.99**

Lubricated Model
(808-0267) Ea. **1,669.99**
3@ **1,649.99**

Hygiene

Prophy Star® 3 Handpiece

At 62 Gm., it is lighter than any other prophy handpiece, which reduces hand and wrist fatigue. Includes 4 autoclavable, ergonomic rubber grips in assorted colors. LubeFree, no maintenance required. 2-year warranty.



Handpiece Less Swivel
(808-9698) Ea. **914.99**
Contents: 1 handpiece & 4 rubber replacement grips.

Nosepiece only with Replacement Grips
(808-0170) Ea. **162.99**

iStar™ Cordless Prophy Handpiece

Lightweight, cordless prophy handpiece that accepts most disposable prophy angles. Features variable rotation controls and a single push button to allow a stable speed from a choice of 5 levels at 500-2500 rpm; no foot pedal is needed. No autoclavable parts. Limited 1-year warranty.



Handpiece System
(808-0336) Ea. **1,049.99**
Contents: 1 handpiece, 1 charger stand, 1 power cord, 100 disposable sleeves & 1 set of instructions for use.

Disposable Sleeves
(808-0337) 500 per Box **150.99**

StarDental® Instruments

High-Speed Handpiece Accessories

HiFlo® Swivels

360° air distribution eliminates performance fluctuation as handpiece is rotated. Use with 430SWL, 431SWL, StarFlex SWL, or Solara handpieces.



4-Hole Fiber-Optic Swivel

For connecting StarDental high-speed fiber-optic handpieces to 4-hole fiber-optic tubing.

(808-7501) Ea. 344.99



6-Pin Fiber-Optic Swivels

For connecting StarDental high-speed fiber-optic handpieces to ISO-C (6-Pin) fiber-optic tubing. Built-in lamp withstands the rigors of autoclaving and chemiclaving.

6-Pin Ea. 479.99

Specify:
 Classic Finish (808-0205)
 Satin Finish (808-0287)

StarBright® LED Swivel

For connecting StarDental high-speed fiber-optic handpieces to 6-hole fiber-optic tubing. Emits a cool, white LED light. Used with either Tri-lamp or Quad-lamp fiber-optic controller. Autoclavable.

(808-0241) Ea. 531.99

Contains: 1 StarBright LED swivel & 2 adapters (1 for tri-lamp controller & 1 for quad-lamp controller).



StarBright Plug n' Play LED Swivel

For connecting StarDental high-speed fiber-optic handpieces to 6-Pin fiber optic tubing. Emits a cool, white LED light. Non Autoclavable.

(808-0284) Ea. 589.99



Swivel & Turbine End Cap Tightening Wrench

(808-8888) Ea. 21.99

Ceramic Bearing Turbines

430 Torque LubeFree Turbine

(808-0356) Ea. 511.99



Blue Power Autochuck Turbine

(808-9375) Ea. 506.99



Solara L Lubricated Turbine

(808-0104) Ea. 584.99



StarSimplicity Autochuck Turbine

(808-0928) Ea. 380.99



StarBright® Lamp Control System

Compatible with all manufacturers' handpieces. Small footprint makes replacing or adding a fiber-optic controller simple and fast. Factory presets at 3.3V. Adjustable from 2.5V to 4.3V. Comes with a 7-second "illumination off" delay.

Single System

(808-0343) Ea. 289.99

Dual System

(808-0342) Ea. 349.99

StarBright® TriLamp—ISO-C (6-Pin) Tubing

6-ft. Sandstone—Straight
 (808-2251) Ea. 308.99

StarBright® Replacement Lamps

ISO-C (6-Pin)
 (808-9730) 2 per Pkg. 156.99

StarDental® Instruments

Electric Systems

Star®ETorque™ Programmable Electric System

Electric handpiece system is lightweight and versatile to accommodate your operatory needs. This quiet, vibration-free system is easily adaptable to existing delivery units.

System features:

- 5 Endo and customizable presets
- Lightweight, 62g brushless motor, fully autoclavable
- Auto-reverse, auto-stop, auto-reverse forward
- Adjustable LED Light for visibility
- Torque control
- User-friendly display modes
- Displays actual bur rotational speed
- Flat-touch screen easily wipes clean
- Stainless steel finish on motor
- 1-year warranty on motor and attachments
- 3-year warranty on control unit

Dimensions: 7.6cm x 17.5cm x 11cm

Complete Unit

(808-0371) Ea. **3,779.99**
 Contents: Star®ETorque™ control unit, electric motor, A/C adapter & tubing.



NuTorque® Lite Programmable Electric System

An economical electric system with simple features for the dental professional who wants to perform general dental practice procedures as well as basic endodontics.

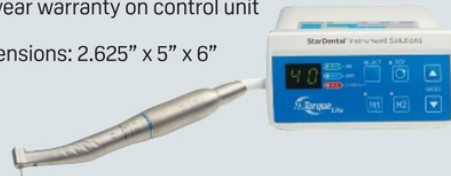
System features:

- 2 customizable presets
- Easy-to-use push-button controls
- 6" autoclavable brushless motor
- Universal e-type motor with bronze finish
- 100-40,000 rpm
- 1-year warranty on motor and attachments
- 3-year warranty on control unit

Dimensions: 2.625" x 5" x 6"

Complete Unit

(808-0233) Ea. **2,919.99**
 Contents: 1 of each: NuTorque™ control unit, power supply & motor.



Attachments

Equipped with patented ceramic bearings, 3-port and 1-port spray outlets, integrated head-cleaning system, glass rod optics, and improved angulation for excellent intraoral access. Additional features include push-button autochuck quick connection and universal E-type coupling. Stainless steel finish. Fully autoclavable and includes a 1-year warranty.

1:5 Friction Grip

10,000-200,000 rpm. For use in precision cutting and crown and bridge.

(808-0372) Ea. **1,519.99**



1:1 Autochuck

1,000-40,000 rpm. For use in caries removal.

(808-0374) Ea. **1,259.99**



5:1 Autolatch

Fiber-Optic with light.

(808-0377) Ea. **1,279.99**



5:1 Autolatch

Non-Fiber-Optic with no light.

(808-0376) Ea. **1,209.99**



1:1 Straight

1,000-40,000 rpm. Chairside trimming and denture adjustment.

(808-0375) Ea. **1,034.99**



Attachments

Equipped with patented ceramic bearings, 4-port spray outlets, integrated head-cleaning system, cellular glass rod optics, and improved angulation for excellent intraoral access. Additional features include push-button autochuck quick connection with 360° rotation and universal E-type coupling. Bronze finish. Fully autoclavable and comes with a 2-year warranty.

1:5 Friction Grip with Autochuck

10,000-200,000 rpm. For use in precision cutting and crown and bridge.

(808-7760) Ea. **1,214.99**



1:5 Mini Friction Grip with Autochuck

10,000-200,000 rpm. For greater access in precision cutting and crown and bridge.

(808-1657) Ea. **1,314.99**



1:1 with Autolatch

1,000-40,000 rpm. For use in caries removal.

(808-2831) Ea. **1,204.99**



1:1 Friction Grip with Autochuck

1,000-40,000 rpm. For use in caries removal.

(808-9984) Ea. **1,129.99**



StarDental® Instruments

Low-Speed Handpiece System

Titan® 3 Low-Speed Handpiece System

A low-speed handpiece system providing a variety of speed and torque ranges featuring durability, economy, operator comfort, and easy chairside maintenance. Offers variable speed ranges of 5000—20,000 rpm with custom attachments and precision angles. 360° swivel provides operator comfort and quick disconnection of handpiece from tubing. Completely autoclavable, featuring LubeFree motors and angles. Also available in titanium finish, ask about our Titan-T™ line.

Titan® 3 Motors

**5,000 rpm Motor
Without Swivel Attachment**
1-year warranty.
(808-1144) Ea. 1,189.99



**20,000 rpm Motor
Without Swivel Attachment**
1-year warranty.
(808-1820) Ea. 1,024.99



**5,000 rpm Motor
with 4-hole Fixed Back End**
1-year warranty.
(808-5273) Ea. 1,238.99



**20,000 rpm Motor
with 4-hole Fixed Back End**
1-year warranty.
(808-0871) Ea. 1,084.99



4-Line Swivel Connector
(808-7823) Ea. 229.99



Titan® 3 Front Ends

Motor to Angle Adaptor
(808-9317) Ea. 274.99



Torque Multiplier
Reduces speed 4 to 1 and increases torque.
(808-4128) Ea. 274.99



16:1 Angle Attachment
(808-6382) Ea. 489.99



Straight Nose Cone
6-month warranty.
(808-7030) Ea. 519.99



Titan® 3 LubeFree Angles

LubeFree 5 Star Prophy Angle
1-Year warranty.
(808-0290) Ea. 179.99



LubeFree Autochuck Friction Grip Angle
1-Year warranty.
(808-2812) Ea. 444.99



LubeFree Auto Latch Angle
1-Year warranty.
(808-5059) Ea. 429.99



LubeFree Manual Latch Angle
1-Year warranty.
(808-9815) Ea. 309.99



LubeFree Friction Grip Angle
1-Year warranty.
(808-0313) Ea. 314.99



Titan® 3 Lubricated Angles

Ball Bearing Auto Latch Angle
(808-6185) Ea. 399.99



Ball Bearing Autochuck Friction Grip Angle
(808-0148) Ea. 414.99



Ball Bearing Latch Angle
(808-4342) Ea. 309.99



10:1 Gear Reduction Latch Angle
(808-5595) Ea. 319.99



Lubricated 5 Star Prophy Angle
(808-0291) Ea. 159.99



Ball Bearing Manual Friction Grip Angle
(808-3842) Ea. 309.99



StarDental® Instruments

Dental Application Guide for the Titan Handpiece Systems

Use the chart below to determine the best Titan Low-Speed system for your procedure.

Before you order:

Make sure you have the right power unit model (motor) for your tubing. Look at the rear-end connector of your motor. The swivel and non-swivel tube configuration must match the hole configuration of your delivery system tubing connector. Verify the tubing type of 2-hole, 3-hole, or 4-hole before ordering.

Procedure	LubeFree System Configuration Options			Angles	Operating RPM Range
Post and Pin Drilling and Setting	5,000 RPM Motor		Motor-to-Angle Adaptor	BB Manual Latch OR BB Auto Latch	1,000 - 5,000
	20,000 RPM Motor	Torque Multiplier	Motor-to-Angle Adaptor	10:1 Gear Reduction Latch	500
	20,000 RPM Motor		Motor-to-Angle Adaptor	10:1 Gear Reduction Latch	500 - 2,000
(Pin Setting Only)					
Finishing Cavity and crown preps	20,000 RPM Motor		Motor-to-Angle Adaptor	BB Manual Chuck Friction Grip OR BB Manual Latch BB AutoChuck Friction Grip OR BB Auto Latch	10,000 - 20,000
Polishing Amalgam, composites, gold margins	20,000 RPM Motor		Motor-to-Angle Adaptor	BB Manual Latch OR BB Auto Latch	10,000 - 20,000
Endodontic Canal enlargements (using Gates-Glidden drills) and sealing (using Lentulo), debridement (using file reamers) and reamers	5,000 RPM Motor		Motor-to-Angle Adaptor	Endodontic Auto Latch OR Endodontic Manual Latch	350 - 5,000
	20,000 RPM Motor	Torque Multiplier	Motor-to-Angle Adaptor	10:1 Gear Reduction Latch	500
Endodontic Condensing gutta percha	20,000 RPM Motor		Motor-to-Angle Adaptor	BB Manual Latch OR BB Auto Latch	10,000 - 20,000
Endodontic Root Canal Filing	5,000 RPM Motor		16:1 Contra Angle Attachment	BB Manual Latch OR BB Auto Latch	300
	20,000 RPM Motor	Torque Multiplier	16:1 Contra Angle Attachment	BB Manual Latch OR BB Auto Latch	300
Caries Removal	5,000 RPM Motor		Motor-to-Angle Adaptor	BB Manual Chuck Friction Grip OR BB Manual Latch	2,000 - 5,000
	20,000 RPM Motor	Torque Multiplier	16:1 Contra Angle Attachment	BB AutoChuck Friction Grip OR BB Auto Latch	
Prophy	5,000 RPM Motor		Motor-to-Angle Adaptor	Five Star Prophy	1,000 - 3,000
	20,000 RPM Motor	Torque Multiplier	Motor-to-Angle Adaptor	Five Star Prophy	1,000 - 3,000