

# VECTOR

June 1 - Dec 2018

2810 69th Ave West  
University Place, WA 98466

Research & Development Inc.

877-88DRILL 877-883-7455  
www.vectorusa.net

## Ultra-Powerful & Super-Fast LED Curing Light

Regular Price \$ 700.00

Year End Special **\$595<sup>00</sup>**  
See Page 24

## SCALERS! PIEZO AND ULTRASONIC!

Ultrasonic Scaler!

Start @ **\$675<sup>00</sup>**  
Plus 2 Inserts FREE!

## Prophy Handpiece

Super Light and Small

Special **\$395<sup>00</sup>**  
See Page 16

## Velocity Extreme High-speeds

Buy 4 Get 1 FREE!



*High-performance Products.....*

*....For High-performing Professionals*

To place an order contact  
your dental dealer today!

ALL NEW Vector

# Velocity EXTREME Series

## Master Series

Got KaVo?

# Get Vector!

Velocity

Extreme Series

Compare to KaVo Master Series.

- Gentlesilence 6500BR or
- Gentlemini 4500BR



Setting a new standard in GERMAN MADE highspeed dental handpieces!  
 While the other "German Guys" are reducing quality, removing features, and using alternate manufacturing sites to produce a low-end-low-cost alternative, we are increasing quality and adding features, while never cutting corners.... NOW THAT'S VALUE!

### The VELOCITY EXTREME

is a product that our competitors can't match  
 .... at any Price

#### *A new standard in sound reduction:*

At only 55db - forget other air-driven high-speeds - the Velocity Extreme matches the noise level of many electric high-speeds.

#### *A new standard in power:*

Over 22 watts of power is produced making the Velocity Extreme one of the most powerful handpieces on the market.

#### *A new standard in value:*

Compare initial cost plus maintenance and service costs to the national brands and you will find Vector is in a class by itself.

#### *A new standard in durability!*



Exclusive! ENDURO-Silencer turbines completely redesigned for optimal power and near silent performance! Computer balanced for concentricity. Sealed ceramic bearings for extra long, extra quiet durability! New POSI-GRIP push button auto-chuck - hold stronger - for longer! STOPS BUR SLIPPAGE!

#### *A new standard in versatility!*

Velocity Extreme Handpieces are available in 3 of the most popular swivel coupler configurations KAVO, ADEC/W&H and NSK style couplers! UPGRADE from any of these swivel coupler styles without changing your tubing connections.



GERMAN ENGINEERING  
  
 AMERICAN VALUE

The VELOCITY EXTREME highspeed is our signature product. The quality, performance and value is what we have been striving to develop since our founding in 2001. This product breaks through the other "Me-Too" handpieces flooding today's market. The Velocity Extreme sets us apart from all our competitors!

We are no longer the OTHER German Handpiece Company - we are now THE German Handpiece Company!

Brent Bigler  
 President Vector R&D Inc.



**SPECIALS**  
 Buy 2 Get a Free Swivel!  
 Buy 4 Get 1 Free!

**2 Contact Your Dental Dealer To Place an Order**

# Vector Velocity Extreme

Optic Type  
(with light)  
Vx10 or Vx9

**\$850<sup>00</sup>** ea

Non-Optic Type  
(no light) Vx10 or Vx9

**\$575<sup>00</sup>** ea

**Special  
Buy 2 Get a Free  
Swivel  
Buy 4 Get 1  
FREE!**

for KaVo Multiflex™ style connectors



## Velocity Extreme Vx10

COMPARE TO KaVo Gentlesilence 6500BR  
Torque head, 4-port water spray.  
to fit KaVo Multiflex™ - optic ..... Vx10-SLK  
to fit KaVo Multiflex™ - non-optic ..... Vx10-SK



## Velocity Extreme Vx9

COMPARE TO KaVo Gentlemini 4500BR  
Access head, 3-port water spray.  
to fit KaVo Multiflex™ - optic..... Vx9-SLK  
to fit KaVo Multiflex™ - non-optic ..... Vx9-SK

for NSK style connectors



## Velocity Extreme Vx10

Torque head, 4-port water spray.  
to fit NSK - optic ..... Vx10-SLN  
to fit NSK - non-optic ..... Vx10-SN



## Velocity Extreme Vx9

Access head, 3-port water spray.  
to fit NSK - optic..... Vx9-SLN  
to fit NSK - non-optic ..... Vx9-SN

for ADEC/W&H RQ-24 or RQ-04 style connectors



## Velocity Extreme Vx10

Torque head, 4-port water spray.  
to fit ADEC/W&H - optic ..... Vx10-SLW  
to fit ADEC/W&H - non-optic ..... Vx10-SW



## Velocity Extreme Vx9

Access head, 3-port water spray.  
to fit ADEC/W&H - optic ..... Vx9-SLW  
to fit ADEC/W&H - non-optic ..... Vx9-SW

### Whats best for you Vx10 or Vx9?



Vx9

Vx10

	Height	Width	Torque
Vx9	12mm, 31/64"	10.5mm, 27/64"	19.5 watts
Vx10	14mm, 9/16"	12mm, 31/61"	22.5 watts

Recommended air pressure: Vector recommends 42 psi minimum air pressure for all Velocity Extreme high-speeds. Vx10 should not be used with short shank burs.

### Replacement Turbines: Vector ENDURO Silencer Turbines

Engineered for performance,  
durability and near silent  
operation.



Turbine for Vector Vx10 all models  
item # TVX10..... \$ 210.00  
Turbine for Vector Vx9 all models  
item # TVX9 ..... \$ 210.00

**Contact Your Dental Dealer To Place an Order 3**

# Vector F-Series

**Incredible value!** Our most rugged handpiece. Specifically designed and built for durability even under the harsh conditions of large group practices, government or corporate dental clinics. Recommended as our # 1 best value!

**Special Buy 3 Get 1 FREE!**

**TIME TO UPGRADE!**  
Easily upgrade from your existing KaVo high-speeds and experience: Similar power, torque and cutting efficiency to your KaVo high-speeds!  
Without the Vector name on the side - **YOU WOULD SWEAR IT IS A KAVO!**

**Upgrade with ease!**  
Connects directly to your existing KaVo Multiflex™ Swivel couplers!



**no extra parts needed!**



**F Series F6**  
Torque head, 3-port water spray, push button auto-chuck bur release, available in optic and non-optic versions

to fit KaVo Multiflex™ - optic.....	F6-SLK	\$ 600.00
to fit KaVo Multiflex™ - non-optic.....	F6-SK	\$ 425.00

**Special Buy 3 Get 1 FREE!**



**F Series F7**  
Access head, 3-port water spray, push button auto-chuck bur release, available in optic and non-optic versions

to fit KaVo Multiflex™ - optic.....	F7-SLK	\$ 600.00
to fit KaVo Multiflex™ - non-optic.....	F7-SK	\$ 425.00

**Special Buy 3 Get 1 FREE!**



**F Series F4**  
Ultra access head, single-port water spray, push button auto-chuck bur release, available in optic and non-optic versions

to fit KaVo Multiflex™ - optic.....	F4-SLK	\$ 600.00
to fit KaVo Multiflex™ - non-optic.....	F4-SK	\$ 425.00

**Special Buy 3 Get 1 FREE!**

**Value? Let's Do the Math!**

*SPECIAL BUY 3 Get 1 FREE!*



Buy 3 Optic (3 x \$ 600.00 = 1,800.00) Get 1 Free (\$ 1,800.00 / 4) = \$ 450.00 each  
Buy 3 Non-Optic (3 x \$ 425.00 = 1,275.00) Get 1 Free (\$ 1,275.00 / 4) = \$ 318.75 each

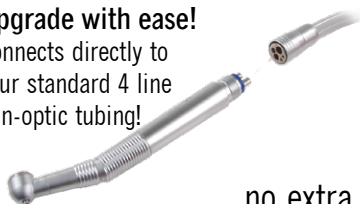
# Got KaVo? Smart Series or Midwest? Tradition or Quiet-Air

## Get Vector! F-Series



### Upgrade with ease!

Connects directly to  
your standard 4 line  
non-optic tubing!



no extra  
parts needed!

### TIME TO *UPGRADE!* Non-optic

Non-optic conversion is easy! If you do not want a swivel and prefer a direct 4 line connection, simply purchase a F4 or F5 standard back end non-swivel highspeed and connect them directly to your 4 line tubing. If you would like the advantages of a quick disconnect swivel purchase a VKS non-optic 4 line swivel and connect it to the tubing then simply snap the non-optic Velocity or F-series highspeed to the swivel.

**Special  
Buy 3 Get  
1 FREE!**



### F-Series - Small Head

Small head non-optic, push button auto-chuck,  
single port water spray, 4 hole standard back-end

Vector # .....F4

**\$ 375.00**

**Special  
Buy 3 Get  
1 FREE!**



### F-Series - Torque Head

Torque head non-optic, push button auto-chuck,  
single port water spray, 4 hole standard back-end

Vector # .....F5

**\$ 375.00**

### Value? Let's Do the Math!



*SPECIAL  
BUY 3 Get 1  
FREE!*

Buy 3 Optic (3 x \$ 375.00 = \$ 1,125.00) Get 1 Free (\$ 1,125.00 / 4) = \$ 281.25 each

## Package Specials:

Our recommended packages for setting-up or converting 2 operatories of equipment!

Mix and match head size (torque or standard) and / or spray pattern (triple spray or single), choose F-Series or V-Series, all at prices 25% to 35% off retail.

The easiest and most cost effective way to convert your existing office or equip your new office with Vector!

6-packs can not be combined with any other offer.



(PKG-02 optic 6 pack Shown)



2 "op" - Set-Up Package  
(PKG-01) \$3,995<sup>00</sup>

"6 pack" package with  
2 - fiber-optic systems

6 Vx or F series optic high-speeds,  
2 (VKS6LE, or VWS6, or VWN6) swivel couplers,  
2 vari-volt fiber-optic systems with tubing,  
2 cans VL-S Lubricant

Optic Conversion Package!  
(PKG-02) \$3,495<sup>00</sup>

6 pack - optic package  
with couplers

6 optic high-speeds (Vx or F Series),  
2 swivel couplers (your choice optic),  
2 cans VL-S Lubricant

Optic Package w/o Couplers!  
(PKG-03) \$3,195<sup>00</sup>

6 pack - optic package  
without couplers

6 optic high-speeds (Vx or F Series),  
choose any style (KaVo, NSK, Star, or ADEC)  
2 cans VL-S Lubricant

6 pack - non-optic  
package with couplers

(PKG-04) \$2,495<sup>00</sup>

6 V or F-Series non- optic high-speeds  
2 swivel couplers (your choice non-optic),  
2 cans VL-S Lubricant

6 pack - non-optic pack  
without couplers

(PKG-05) \$2,395<sup>00</sup>

6 non- optic high-speeds (Vx or F Series),  
choose any style (KaVo, NSK, Star, or ADEC)  
2 cans VL-S Lubricant

6 pack - non-optic  
fixed back-end

(PKG-06) \$1,895<sup>00</sup>

6 non- optic high-speeds (F4 or F5),  
2 cans VL-S Lubricant  
2 Spray adapters (VL-AS)

# ALPHA AIR *Professional Series* Super Economy Highspeed Handpiece

Super economical and value priced highspeed! Accepts standard canister turbines. Quiet, light weight and fully autoclavable. 400,000 rpm. Available in standard bur tool type or with push button auto-chuck bur release. Compare to "house brand" high-speeds like Darby, Schein and Patterson and save! 90 Day Warranty.

**Buy 4 Get 1 FREE! or Buy 2 Get A Free Turbine!**



**Standard Bur Tool Type \$ 95.00 ea**  
4 hole standard fixed back end (HAS-4)

**Buy 4 Get 1 FREE! or Buy 2 Get A Free Turbine!**



**Push Button Autochuck \$ 145.00 ea**  
4 hole standard fixed back end (HAP-4)

**Buy 4 Get 1 FREE! or Buy 2 Get A Free Turbine!**

## CANISTER STYLE TURBINES

Compare and Save!

### Standard Can

Worlds best! Fits all standard wrench type.

RP-ST ..... \$ 40.00 ea

### Auto-chuck "PB" Can

An excellent push button can for most applications and brands.

RP-AT ..... \$ 95.00 ea

## Accessories

### Push Button Back Cap

Push button cap for most applications and brands of "Canister" handpieces

RP-APC ..... \$ 35.00 ea

### Standard Back Cap

Standard back cap for most applications and brands of "Canister" handpieces

RP-ASC ..... \$ 25.00 ea

### Bur Removal Tool

Works with most standard canister turbines made to the original NSK PANA-Air specifications

RP-ABT ..... \$ 20.00 ea

**6 Contact Your Dental Dealer To Place an Order**

**Direct Replacement  
KaVo Spray!**

*New style threaded top can!  
For KaVo Quattrocare™  
lubrication machine!*



**Now with updated  
can label for new or  
old style machines**

Works in all  
Quattrocare  
machines!

**Vector Spray Premium Handpiece  
Lubricant**  
The ALL-SYNTHETIC premium oil for  
any brand of handpiece  
Vector Spray (with white adapter cap)  
500ml can (VL-S)..... \$ 37.00 ea

**Vector Spray for QUATTROcare™  
Type Lubrication Machines - with  
updated and approved screw top can!**

Vector Spray (with screw top can for  
Quattrocare)  
500ml can (VL-AQ).....\$ 37.00 ea

**Vector Spray Premium Handpiece  
Lubricant**  
The ALL-SYNTHETIC premium oil for  
any brand of handpiece  
Vector Spray For Assistina and other  
lubrication machines that require oil.  
500ml can (VL-LM)..... \$ 48.00 ea

The white cap on the top of the can (pictured) is included  
with each can of spray. Remove this cap to use VECTOR  
SPRAY with your genuine KaVo spray adapters.

*ALL SYNTHETIC - we never use mineral oil based lubricants!  
Why pay more for a lower grade lubricant?  
Compare & Ask "is it mineral oil"?*

***BUY 6 Cans of Spray (VL-S) and get 2 spray adapters FREE!***

**DO YOU KNOW WHERE YOUR STAFF IS LUBRICATING?**

Properly lubricating various types and styles of high and low speed handpieces can be a difficult and confusing job for even the most experienced dental technician. Vector has developed a complete range of lubrication adapters that take the "guess work" out of lubrication. These adapters increase office efficiency, extend turbine life by insuring proper lubrication, and reduce the messy over-spray experienced with non-product-specific spray adapters.



*The right adapter makes lubrication fast, accurate, and easy!*



- Vector Spray Adapters \$ 10.00 ea**
- A) For KaVo Multiflex™ ..... VL-AK
  - B) For Star Type ..... VL-AT
  - C) For NSK Type ..... VL-AN
  - D) For 4 and 5 hole ..... VL-AS
  - E) For ADEC W&H 924,904,RQ-24, RQ-04 type ..... VL-AW
  - F) For E-Type Low-speeds ..... VL-AE
  - G) Universal pointed..... VL-AU

**Contact Your Dental Dealer To Place an Order 7**

## Swivel Couplers For all Vector and KaVo Multiflex™ style handpieces.

Compare to KaVo 460LE



### ISO-C 6 pin swivel w/bulb

Direct replacement for KaVo # 1.001.7599

Halogen bulb (VKS6)..... \$ 205.00  
LED bulb (VKS6LE)..... \$ 235.00

Compare to KaVo1390



### 5 hole fiber-optic swivel

Direct replacement for KaVo # 553.1390

5 Hole (VKS5)..... \$ 205.00

Compare to KaVo 465LRN



### ISO-C 6 pin swivel with water control

Direct replacement for KaVo # 553.1550

Halogen bulb (VKS6W)..... \$ 255.00  
LED bulb (VKS6WL)..... \$ 285.00

Compare to KaVo 457



### 4 hole non-optic swivel

Direct replacement for KaVo # 553.1210

4 Hole (VKS)..... \$ 125.00



Coupler O-Ring Kit  
(3 black, 2 white), for Vector or  
KaVo type couplers  
RP-008 ..... \$ 10.00 ea



LED Upgrade Kit - New LED Bulb and  
Bulb Cap - converts existing Vector or  
KaVo swivels to LED  
Each ..... VKLE-01 \$ 50.00  
3 pack ..... VKLE-05 \$ 125.00

## Swivel Couplers For ADEC / W&H RQ24 and RQ04 style handpieces.



### 6 hole electric swivel for ADEC/W&H

Connects to Vector SLW high-speeds

Direct replacement for ADEC 0.10402430

VWS6 ..... \$ 205.00



### 4 hole non-optic swivel for ADEC/W&H

Connects to Vector SW high-speeds

Direct replacement for ADEC 0.10400430

VWS4 ..... \$ 125.00

## Swivel Couplers For NSK style handpieces.



### 6 hole fiber-optic swivel

Connects to Vector SLN NSK type high-speeds

Direct replacement for PTL-CL-LED

VNS6 ..... \$ 205.00  
Halogen bulb replacement..... VNB \$ 25.00  
LED bulb replacement..... VNL \$ 50.00



### 4 hole non-optic swivel

Connects to Vector SN, NSK type high-speeds

Direct replacement for FM-CL-M4

VNS ..... \$ 125.00

## Vector Vari-Volt Fiber-optic System and Tubing

### Vari-Volt Plus Fiber-optic Control

Variable voltage and variable amps makes this the first fiberoptic control box designed for LED or halogen lamps. Allows the user to adjust the power output (volts or amps) to match the manufacturer recommended voltage for halogen systems or Ma for LED. Adjustable time delay keeps the light on after letting up on the foot pedal keeping the oral cavity lit without and active bur. Independently power two fiber-optic tubings.

### Power supply, control box, Package

Package Set ..... (VFOS) \$ 200.00

### Vari-Volt Fiber-optic Tubing

6 pin tubing - Grey..... VFOT \$ 145.00

6 pin tubing - Tan ..... VFOT-T \$ 145.00

### Complete Fiber-optic System

Power Supply, Control Box and Tubing!

Grey ..... (VFOS-KIT) \$ 295.00

Tan ..... (VFOS-KIT-T) \$ 295.00



Complete  
Fiber-optic System  
Only \$ 295.00 New  
Lower Price

Specifically Designed for LED Systems!

**8 Contact Your Dental Dealer To Place an Order**



# LED!

LED Upgrade Retail \$ 50.00 ea

Office pack (package of 3) Retail \$ 125.00 ea

VECTOR LED Upgrade Bulbs  
for Highspeed Handpieces  
and Swivel Couplers.

LED for KaVo or Vector 6 pin couplers. Includes conversion cap.  
Each .....VKLE-01  
Pack of 3.....VKLE-05

*Easy to install,  
Just like replacing a fiber-optic bulb  
- no service tech needed!*

LED for ADEC/W&H RA-24 Couplers  
Each ..... VWHC  
Pack of 3..... VWHC-3

LED for NSK 6 pin couplers  
Each ..... VNL  
Pack of 3..... VNL-3

LED for Bien-Air / Midwest Couplers  
Each .....VBAKL  
Pack of 3..... VBAKL-3

LED for Sirona Couplers  
Each ..... VSBL  
Pack of 3..... VSBL-3

LED for STAR 6 pin Couplers  
(SP) (RP\*)  
Each .....VSTL VSTL2  
Pack of 3..... VSTL-3 VSTL2-3  
\*Reverse polarity

LED for ADEC/ W&H High-speeds  
(SP) (RP\*)  
Each ..... VWHL VWHL2  
Pack of 3.....VWHL-3 VWHL2-3  
\*Reverse polarity

For  
Motors

LED for **KaVo** Motors, couplers  
w/o conversion  
Each ..... VKML  
Pack of 3..... VKML-3

LED for Bien-Air Motors  
(SP) (RP\*)  
Each .....VBAL VBAL2  
Pack of 3..... VBAL-3 VBAL2-3  
\*Reverse polarity

LED for **Sirona** Motors  
Each .....VSGL  
Pack of 3..... VSGL-3

LED for NSK Motors  
A) for TIM40, T1250L..... VNML VNML-3  
B) for NL400, KCL8 ..... VNMML VNMML-3  
C) for M40 LED, M205LG, NBS, X205L, KCL,  
SCL and PTL LED .....VNMPML VNMPML-3

LED for ADEC/W&H LT25  
Motors  
Each ..... VWML  
Pack of 3..... VWML-3

## DIRECT REPLACEMENT Halogen Fiber-optic Bulbs For various systems

Bulb for: KaVo and Vector  
6 pin swivel couplers

*Compare to: KaVo # 1002.2928*

Vector # VKB

Retail \$ 40.00 2pk



Bulb for:  
Midwest Stylus and  
XGT couplers & Bien  
Air couplers

*Compare to:  
Midwest # 790257R*

Vector # VMB  
Retail \$ 25.00 ea



Bulb for:  
Star Dental 6 Pin Swivel  
Coupler

*Compare to:  
Star # 262522*

Vector # VSB  
Retail \$ 25.00 ea



Bulb for:  
NSK and Schein 6 pin  
couplers

*Compare to:  
NSK # PTL Y900-529*

Vector # VNB  
Retail \$ 25.00 ea



Bulb for:  
Bien-Air Electric Motors

*Compare to:  
Bien-Air # 1500007-005*

Vector # VBB  
Retail \$ 25.00 ea



Bulb for:  
W&H/Adec all models  
except LT25 motors and  
RA-24 Coupler

*Compare to:  
ADEC# 0.02207610*

Vector # VWB  
Retail \$ 25.00 ea

# THE Enduro Brand Replacement Turbines



Now Feature Ceramic Bearings!

Introducing the first after-market turbine that is not an "after-market" turbine!

## For STAR Handpieces

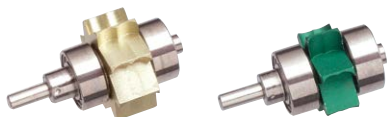


### Star 430 Push Button

Must Be Lubricated

Each .....(TS430) \$ 198.00

## For ADEC / W&H



### ADEC W&H

Special \$ 205.00 ea

Synea TA96, TA96L, TA96LM, TA96M .....#TW96  
 Synea TA-98, TA98L, TA98LM, TA98M .....#TW98  
 Synea TA97 with 5 port spray .....#TW97P5  
 Synea TA98 with 5 port spray .....#TW98P5  
 Toplight 796/896 .....# TW96TL  
 Toplight 795/798/895/898 .....#TW98TL  
 Trend TC95 .....# TWC95  
 Allegra TE95 .....# TWE95  
 Allegra TE96 .....# TWE96

## For LARES Handpieces

### 557 Std.

Each .....(TL557) \$ 175.00



### 757 Std.

Each .....(TL757) \$ 175.00



### 757 Triple Spray

Each .....(TL757T) \$ 175.00



## For Impact Air Handpieces

### Push Button

Each .....(TPD45) \$ 198.00



## For VECTOR Handpieces

### Vector F4, F7, V8, V9

Each .....(TF4) \$ 205.00  
 Pack of 3.....(TF4-3P) \$ 525.00



### Vector F6, V10

Each .....(T640) \$ 205.00  
 Pack of 3.....(T640-3P) \$ 525.00



### Vector F5

Each .....(TF5) \$ 205.00



### VELOCITY EXTREME

for Vx10 all models  
 item # TVX10.....\$ 210.00  
 for Vx9 all models  
 item # TVX9 .....\$ 210.00



## For Midwest Handpieces

### Quiet-Air - Standard

Each .....(TMQS) \$ 95.00  
 3 pack .....(TMQS-3P) \$ 245.00



### Tradition - Standard

Each .....(TMTS) \$ 95.00  
 3 pack.....(TMTS-3P) \$ 245.00



### Quiet-Air - Lever

Each .....(TMQL) \$ 145.00  
 3 pack.....(TMQL-3P) \$ 395.00



### Tradition - Lever

Each .....(TMTL) \$ 145.00  
 3 pack.....(TMTL-3P) \$ 395.00



### Tradition/XGT - Push Button

Each .....(TMTP) \$ 145.00



### Stylus (360)

Standard.....(TMSU) \$ 198.00  
 Mini.....(TMSM) \$ 198.00

## For **KaVo** Handpieces

### KaVo 640/630

#### Auto-chuck

Each .....(T640) \$ 205.00  
3 Pack.....(T640-3P) \$ 525.00



### KaVo 642/632/643

#### Auto-chuck

Each .....(T642) \$ 205.00  
3 Pack.....(T642-3P) \$ 525.00



### KaVo 647/649

#### Auto-chuck

Each .....(T647) \$ 205.00  
3 Pack.....(T647-3P) \$ 525.00



### KaVo 635B/635BR

#### Auto-chuck

Each .....(T635) \$ 205.00  
3 Pack.....(T635-3P) \$ 525.00  
KaVo 635BR.....(T635BR) \$ 205.00



### KaVo 625CD

#### Auto-chuck

Each .....(T625) \$ 205.00



### KaVo 634P4

#### Auto-chuck

Each .....(T634) \$ 205.00



### New KaVo Model

#### Auto-chuck

S605 / S615L.....(T615) \$ 205.00  
S609C / S619C / S619L.....(T619) \$ 205.00  
S636C / S646B.....(T646) \$ 205.00  
650B / 650C.....(T650) \$ 205.00  
655 / 659BR / 660.....(T655) \$ 205.00  
659.....(T659) \$ 205.00  
8900.....(T8900) \$ 205.00



### KaVo Auto-chuck

#### 4500B/4500BR/5000

for 4500B.....(T4500) \$ 210.00  
4500BR/5000



### KaVo 6000B

Each .....(T6000) \$ 210.00



### KaVo 6500B/6500BR

6500B .....(T6500) \$ 210.00  
6500BR/8000B .....(T6500BR) \$ 210.00



## For **NSK Style** Handpieces

### Standard Can

Each .....(RP-ST) \$ 40.00



### Push Button Can

Each .....(RP-AT) \$ 95.00



### Health-co & Benco PUSH-N-SWIVEL

for NVA-SU03.....(TNVS) \$ 175.00



### NSK CH (Surgical 45°)

CH QD-S/NL-65S/Phat. II.....(TNCS) \$ 175.00  
CH QD-T/N-45T/NL-65T Phat II T(TNCT) \$ 175.00



### NSK Mach, NL75,85 200, 300, 400

A200L / MACH 2M / 75M / 85M ... (TNMM) \$ 175.00  
A300L / MACH 2S / 75S / 85S ... (TNMS) \$ 175.00  
A400L / MACH 2T / 75T / 85T .... (TNMT) \$ 175.00



**NEW!**

### NSK TiMAX, 9000 500, 600, 700

X500 / NL9000M.....(TNTM) \$ 195.00  
X600 / NL9000S.....(TNTS) \$ 195.00  
X700 / NL9000T .....(TNTT) \$ 195.00



## Replacement Back Caps



### Push Button Cap For F4, F7, V8 & V9

F4BC ..... \$ 43.00



### Push Button Cap For F6 & V10

F6BC ..... \$ 43.00



### Push Button Cap For Old Type F5

F5BC ..... \$ 43.00

Direct replacement caps For KaVo High-speeds:

For KaVo 642.....K642BC \$ 43.00  
For KaVo 640.....K640BC \$ 43.00  
For KaVo 635.....K635BC \$ 43.00  
For KaVo 647.....K647BC \$ 43.00  
For KaVo 6000.....K6000BC \$ 43.00

# Turbo-Torque

## Low-speed Handpiece System

### Acrylic Adjustment

The Turbo-Torque motor system provides plenty of torque and speed to quickly and easily adjust acrylic chair-side. The straight nose cone accepts any standard 3/32nd acrylic bur or mandrel.

### Finish & Polish

Most finishing discs and points work better and faster, providing a more lustrous and natural finish when these points are run at 20,000 rpm. If you are using a 5,000 rpm (prophy) motor for finishing and polishing you will be amazed by the improved performance and results of a 20,000rpm motor system.

### Caries Removal

20,000 rpm is the perfect speed for caries removal. The push-button head accepts any standard latch bur and provides for quick and easy changing of burs and latch type mandrels.



Free 2nd Contra Angle! With Motor Set Purchase!

### Turbo-Torque Motor Set

Complete package set includes:

- 20,000rpm motor
- 1:1 Contra Angle with Push Button Latch Head
- 1:1 Straight Nose Cone

Superior high performance motor and high quality, ultra-smooth attachments.



Buy a TT-20K Motor Set Get a Second Contra Angle FREE!

# TT-20K **\$ 725.00**

### Turbo-Torque Air-Motor Only



### TURBO TORQUE 20,000 rpm Motor Only

20,000rpm, E-Type low speed motor, smooth and quiet operation, super durable. Very versatile, a great addition to any dental practice. 1 year warranty.

Motor Only ..... TT-20KM **\$ 350.00**

### Turbo-Torque Air-Motor Systems Packages

#### 2 OP Set-up Low-speed Package Deal



TT-20K-OP  
2 - Turbo-Torque Motors  
5 - Push Button Contra Angles **\$1,495<sup>00</sup>**  
2 - Straight Nosecone

#### ENDO Low-speed Motor Packages



Turbo Torque Motor and 64:1 reduction mini endo head. Motor and angle package.

TT-20KRT ..... **\$ 675<sup>00</sup>**



Turbo Torque Motor and 90° reciprocating endo head. Motor and angle package.

TT-20KTEP ..... **\$ 675<sup>00</sup>**

## Turbo Torque E-Type Attachments

Will fit all Standard E-Type Motor Systems including Electric Motor Systems!



For FG Type Burs, Push Button Latch (TT-FGP) with 1:1 E-Type Sheath

TT-FFB-EC.....\$ 225.00



For Latch Type Burs, Push Button Latch (TT-LAP) with 1:1 E-Type Sheath

TT-FPB-EC.....\$ 235.00



For Latch Type Burs, Ball Bearing Swing Latch (DRA-NK) with 1:1 E-Type Sheath

TT-BB-EC .....\$ 175.00

## TURBO TORQUE Push Button Head Attachments

For any "NSK" threaded contra angle attachment. Will not fit "Midwest" contra angles.

Latch Head



Buy 3  
Get 1  
FREE!

RA latch type head attachment

TT-LAP ..... \$ 175.00

Buy 3  
Get 1  
FREE!

FG Head



Friction grip head attachment

TT-FGP..... \$ 175.00



Deluxe Ball Bearing Latch Head

for NSK E-type type contra angles

DRA-NK.....\$ 95.00

## TURBO TORQUE 1:1 Contra Angle

Standard no reduction contra angle. Accepts all NSK fitment contra angle heads and attachments. Will fit any standard E-type motor.

TT-EC ..... \$ 125.00



## TURBO TORQUE 4:1 Reduction Contra Angle

Fits all standard E-Type connections. Will accept any "NSK" threaded contra angle head.

TT-E4R.....\$ 225.00



## TURBO TORQUE Reduction Contra Angle

Fits all standard E-Type connections. Will accept any "NSK" threaded contra angle head.

TT-E16R.....\$ 265.00

TT-E10R .....\$ 265.00

TT-E64R.....\$ 285.00

## TURBO TORQUE Straight Nose Cone 1:1

Fits all standard E-Type connections. Will accept any 3/16" shaft lab bur or "straight handpiece bur or any "doriot" style prophyl or contra angle.

TT-SN1 ..... \$ 205.00



## TURBO TORQUE 4:1 Reduction Propyl Adapter

4:1 Reduction takes 20K motor to 5K

U4-NK.....\$ 125.00



## TURBO TORQUE Straight Nose Cone 4:1

4:1 Reduction gear generates 5,000 rpm from a 20,000 rpm motor. Fits all standard E-Type connections. Will accept any 3/16" shaft lab bur or "straight handpiece" bur or any "doriot" style prophyl or contra angle.

TT-SN4 .....\$ 275.00



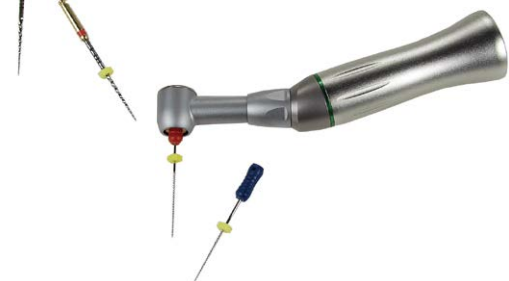
## Turbo-Torque Endodontic Contra Angle Systems



**Rotary Endo!** 312 rpm speed. Deluxe 64:1 reduction Contra Angle with Mini Latch Head. For latch type, engine files.

64:1 Reduction Angle w/mini head..... TT-E64ML \$ 400<sup>00</sup>

Mini Latch Head Only ..... MRA-NK \$ 65<sup>00</sup>



## Reciprocating Endo!

90 Degree turn reciprocating head that accepts all standard hand files. Deluxe 10:1 reduction Contra Angle with push-button 90 degree turn head.

Contra Angle Only (with out the motor)

10:1 Reduction Angle w/head

TT-TEP10 .....\$ 400<sup>00</sup>

Head Only TT-TEPY.....\$ 205<sup>00</sup>

# Vector **VECTORMatic**

Deluxe low-speed motor system with internal water spray.

Replacement Contra Angle Attachments for: KaVo Intramatic™ Style Contra Angle Attachments

*Connects directly to KaVo Intramatic or Vector deluxe contra angle attachments. No modifications or extra parts needed!*



## **VECTORMatic Angle Attachments** for KaVo Type Intramatic Low Speed Angle Systems

These made in Germany deluxe push button contra angle attachments are designed and built to the original OEM specifications. Compare to genuine KaVo angles and save!



### **Vector Motor - Internal Spray**

20,000 rpm motor with internal water spray. 4 hole fixed back end connection.

AM1011 ..... **\$ 655.00**



### **Straight Handpiece**

1:1 (blue), without light (non-optic), Separate cooling 1 hole spray, fits INTRAMatic™ connector system.

VM10P ..... **\$ 450.00**

*Direct replacement for KaVo # 10CH (524.1160)*



### **Contra Angle Handpiece**

1:1 (blue), with or without light (non-optic) Separate cooling 1 hole spray, fits INTRAMatic™ connector system. KaVo head-system compatible.

VM20P 1:1 Non-Optic ..... **\$ 350.00**

VM20LP 1:1 Optic ..... **\$ 450.00**



### **Latch Type 1:1 (Blue)**

KV68 ..... **\$ 245.00**

*Direct replacement for KaVo # 68LU (.003.7191)*



### **Contra Angle Handpiece**

2.7:1 Reduction, with or without light (non-optic) Separate cooling 1 hole spray, fits INTRAMatic™ connector system. KaVo head-system compatible.

VM7P 2.7:1 Non-Optic ..... **\$ 375.00**

VM7LP 2.7:1 Optic ..... **\$ 490.00**



### **Latch Type 2:1 (Green)**

KV67 ..... **\$ 245.00**

*Direct replacement for KaVo # 67LH (540.8460)*



### **Contra Angle Handpiece**

7.4:1 reduction, with or without light (optic) Separate cooling 1 hole spray, fits INTRAMatic™ connector system. KaVo head-system compatible.

VM29P 7.4:1 Non-Optic ..... **\$ 475.00**

VM29P 7.4:1 Optic ..... **\$ 575.00**



### **FG Friction Grip Type 1:1 (Blue)**

KV80 ..... **\$ 270.00**

*Direct replacement for KaVo # 80LD (540.1830)*

**Vector Marathon Angles to fit  
Midwest Shorty™ & Rhino™**



Marathon angles are not made by or in any way connected with Midwest™, Shorty™ and Rhino™ are trademarks of Dentsply.

**Midwest Type**



**Straight Nose Cone to fit Shorty™ and Rhino™ Type**

for Midwest™ # 720005

SN-MW ..... \$ 205.00



**Contra Angle Sheath to fit Shorty™ and Rhino™ Type**

for Midwest™ # 710074

CA-MW ..... \$ 115.00



**Prophy Adapter (U-Type) to fit Shorty™ and Rhino™ Type**

for Midwest™ # 760020

UA-MW ..... \$ 105.00

**Buy 3 Get 1 FREE!**

**Friction Grip - Push Button**

Compare to Midwest™ # 720475

TT-FGP-MW ..... \$ 180.00

**Buy 3 Get 1 FREE!**

**Latch Grip - Push Button**

Compare to Midwest™ # 720485

TT-LAP-MW ..... \$ 180.00

**Deluxe Ball Bearing Latch Head**

for Midwest type contra angle sheaths

DRA-MW ..... \$ 95.00

**Economy Latch Head**

for Midwest type contra angle sheaths

ERA-MW ..... \$ 65.00

**Mini Latch Head**

for Midwest type contra angle sheaths

MRA-MW ..... \$ 65.00

**Deluxe Prophy Angle - Screw Type**

for Midwest type contra angle sheath

Compare to Midwest™ # 720446

DPS-MW ..... \$ 50.00

**Vector Marathon Angles to fit  
Star Titan & Titan-T**



Marathon angles are not made by or in any way connected with Star Dental.

**Star Type**



**Straight Nose Cone to fit: Star Titan "T-Style" Motors.**

for Star # 57506

SN-ST ..... \$ 280.00



**Motor to Angle Adapter to fit: Star Titan "T-Style" Motors**

for Star # 3297

CA-ST ..... \$ 160.00

**Buy 3 Get 1 FREE!**

**Friction Grip - Push Button**

Compare to Star # 61340

TT-FGP-ST ..... \$ 210.00

**Buy 3 Get 1 FREE!**

**Latch Grip - Push Button**

Compare to Star # 61335

TT-LAP-ST ..... \$ 210.00

**Deluxe Ball Bearing Latch Head**

for Star Titan T-Style Motors

Compare to Star # 59005

DRA-ST ..... \$ 100.00

**Economy Latch Head**

for Star Titan T-Style Motors

ERA-ST ..... \$ 70.00

**Mini Latch Head**

for Star Titan T-Style Motors

MRA-ST ..... \$ 70.00

**Deluxe Prophy Angle - Screw Type**

for Star Titan T-Style Motors

Compare to Star # 63176

DPS-ST ..... \$ 60.00

**Vector Marathon Angles to fit:  
E-Type Motors**



**E-Type**



**Straight Nose Cone to fit: NSK, E-Type Motors.**

SN-NK ..... \$ 235.00



**Contra Angle Sheath to fit: NSK, E-Type Motors.**

CA-NK ..... \$ 80.00

**Buy 3 Get 1 FREE!**

**Friction Grip - Push Button**

for NSK E-type type contra angles

TT-FGP ..... \$ 175.00

**Buy 3 Get 1 FREE!**

**Latch Grip - Push Button**

for NSK E-type type contra angles

TT-LAP ..... \$ 175.00

**Deluxe Ball Bearing Latch Head**

for NSK E-type type contra angles

DRA-NK ..... \$ 95.00

**Economy Latch Head**

for NSK E-type type contra angles

ERA-NK ..... \$ 65.00

**Mini Latch Head**

for NSK E-type contra angle sheaths

MRA-NK ..... \$ 65.00

**Deluxe Prophy Angle - Screw Type**

for NSK E-type contra angle sheath

DPS-NK ..... \$ 50.00

*The Ultimate Mini-Prophy Handpiece!*

# MICROLITE

by Vector R & D Inc.



**ONLY**  
3 1/2 Inches!  
1/2 the size of a  
traditional low-speed  
handpiece!



Easy push-on, pull-off chuck mechanism.  
Accepts standard disposable prophy  
angles (not for use with metal angles).



Now  
available  
in 2 sizes!  
Microlite (3 1/2") and Microlite XL (5")



**MICROLite** - the ultimate prophy handpiece  
Includes:

Microlite 5,000 rpm, lube-free prophy handpiece.  
1 year warranty.

Each	ML500	Regular Price \$ 500.00 ea
	Special	<b>\$ 395.00 ea</b>
3 Pack	ML500-3P	Regular Price \$ 1,350.00 pk
	Special	<b>\$ 945.00 pk</b>



**MICROLite XL** the ultimate prophy handpiece  
Includes:

Microlite XL 5,000 rpm, lube-free prophy handpiece.  
1 year warranty.

Each	ML700	Regular Price \$ 550.00 ea
	Special	<b>\$ 425.00 ea</b>
3 Pack	ML700-3P	Regular Price \$ 1,500.00 pk
	Special	<b>\$ 995.00 pk</b>

**16 Contact Your Dental Dealer To Place an Order**



# GATOR-torque - XTC

## Accepts all Midwest Rhino Style Attachments

Incredible versatility - Gator torque motor accepts all MIDWEST Shorty™ and Rhino™ low-speed contra angles and attachments.

5,000rpm Motor - perfect speed for prophys when using the prophy adapter but can accept a standard nose cone or contra angle to perform operative procedures. Compare to Midwest Rhino.

Light-Weight Design - Lighter and shorter than our competitors motors. Fits comfortably in your hand to reduce hand fatigue and strain.



## Gator Torque XTC Motor & Motor Package Sets



**Gator-Torque XTC Motor Only**  
5,000 rpm accepts Midwest style contra angle attachments  
GT-XTC **\$ 395.00**



**Gator-Torque XTC Prophy Pack**  
5,000 rpm Gator-Torque XTC Motor with Prophy Nose Cone (UA-MW), Package Set  
GT-XTCPS **\$ 465.00**



**Gator-Torque XTC Multi Pack**  
5,000 rpm  
Gator-Torque XTC Motor with Deluxe Nose Cone (SN-MW) and Push Button Contra Angle (CA-MW + TT-LAP-MW)  
GT-XTCCS.....**\$ 775.00**

# ERGO-TORQUE II

## Deluxe Low-speed Motor

Features:

- Durable stainless steel construction.
- Built-in, attached, swivel nosecone to reduce hand fatigue and improve access to all areas of the oral cavity.
- Positive twist lock chuck mechanism hold burs and mandrels securely for higher torque operations like acrylic adjustment and polishing (more than just for prophys)
- 5,000rpm motor - the perfect speed for prophys and can do the job for most routine adjustments as well as finishing and polishing.
- 4 hole standard connection.



**Doriot or U-Type Contra Angles**  
Connects to Any Straight Attachment or "Doriot" / "U-Type" Motor

Attaches to any Standard Straight Nosecone



## ERGO-TORQUE II

Deluxe low-speed motor.

Features: 5,000rpm, swivel nosecone, 4 hole fixed back-end connection, positive twist lock chuck mechanism. Stainless steel construction - made in USA. 1 year warranty.

Handpiece LMM-4 **\$ 420.00**

### Ball Bearing Latch Type Contra Angle Head (40,000 RPM)

U-Type  
DRA-U ..... **\$ 110.00 ea**

### Economy Latch Type Head

U-Type (20,000)  
ERA-U ..... **\$ 32.00 ea**

### Mini Latch Type Head

U-Type  
MRA-U ..... **\$ 55.00 ea**

### Deluxe Sealed Screw Type Prophy Head

U-Type  
DPS-U ..... **\$ 25.00 ea**

# Lil' BEAVER 2.0

## MAGNETOSTRICTIVE Ultrasonic Scaling Unit

Accepts Both  
25K and 30K  
Inserts

Compare  
& SAVE!  
Only **\$675<sup>00</sup>**  
Sug. Retail



Includes vertical  
mount base!



### FEATURES:

- Accepts both 25K (long) and 30K (short) ultrasonic inserts no adapter or switch, unit automatically adjusts to accommodate any style, brand or frequency.
- Convenient front-mounted water control with large easy-to-adjust dial - easy even with gloves.
- Turbo boost, 2 position foot pedal - press lightly for regular dial power, press firmly for TURBO! *Heavy calculus watch out!*
- Digital power adjustment with LED lit power display panel.
- Front mounted main power switch - shutting the unit off when left unattended just got a whole lot easier.
- All aluminum housing for improved durability. No more plastic to stain, crack or break
- Lies flat or mounts vertically in provided vertical mounting stand for optimal counter space saving. Fits almost anywhere!

Available in white or black



### Vector Lil' Beaver 2.0 Scaler

#### Complete Kit Includes:

Little Beaver Scaling Unit, Power Cord, 2 Position Turbo Boost Foot Pedal, 1/4" Water Line w/Quick-Disconnect, Vertical Mount Stand, Handpiece Holder Mount, Auto-clavable Handpiece Sheath. 1 year warranty.

High-Tech Black ..... SC-001  
Ultra Pure White ..... SC-001-WH  
Retail \$ 675.00 ea

Buy a Lil'  
Beaver Get 2  
Inserts FREE!

### "Bucky Beaver" - Ultrasonic Inserts



For use in all "magnetostrictive" or "Cavitron" type ultrasonic scaling machines

Completely re-designed for improved performance, durability and tip access.



Only  
\$95<sup>00</sup>

Triple Bend, for heavy calculus. The most aggressive tip removes the most amount of calculus in the least amount of time. All power ranges

25K BB-IF1000-25  
30K BB-IF1000-30



Only  
\$95<sup>00</sup>

Standard, curved tip for heavy calculus removal. All power ranges.

25K BB-IF10-25  
30K BB-IF10-30



Only  
\$95<sup>00</sup>

"Slim-Jim", thin design for subgingival scaling. Low power range.

25K BB-IF100-25  
30K BB-IF100-30

**18 Contact Your Dental Dealer To Place an Order**

# BEAVER *Elite* 2.0

## MAGNETOSTRICTIVE Ultrasonic Scaling Unit

- With self contained dual water bottle

Compare & SAVE!

Only **\$990<sup>00</sup>**  
Sug. Retail

### FEATURES:

- Accepts both 25K (long) and 30K (short) ultrasonic inserts - no adapter or switch, unit automatically adjusts to accommodate any style, brand or frequency.
- Convenient front-mounted water control with large easy-to-adjust dial - easy even with gloves.
- Turbo boost, 2 position foot pedal - press lightly for regular dial power, press firmly for TURBO! *Heavy calculus watch out!*
- Digital power adjustment with LED lit power display panel.
- Front mounted main power switch - shutting the unit off when left unattended just got a whole lot easier.
- All aluminum housing for improved durability. No more plastic to stain, crack or break
- Dual self contained bottle with on-board pump. No water supply needed - just plug in and go!
- Selector switch allows the user to switch from bottle A to bottle B, doubling the amount of water or allowing one bottle to be filled with an irrigant.
- Easily refill bottles using the flip-top lid or remove the bottle and the no-leak stopper prevents solutions from leaking onto the counter or floor.



Available in white or black



### Vector Beaver *ELITE* 2.0 Scaler

Complete Kit Includes:

Beaver Elite Scaling Unit, Power Cord, 2 Position Turbo Boost Foot Pedal, Mount Stand, 2 Water Bottles, Handpiece Holder Mount, Autoclavable Handpiece Sheath. 1 year warranty.

High-Tech Black ..... SC-100  
Ultra Pure White ..... SC-100-WH

Buy a Beaver Elite Get 2 Inserts FREE!



Only **\$90<sup>00</sup>**



"Original" external spray, for general scaling. High to Med power range.

25K BB-P10-25  
30K BB-P10-30

Only **\$90<sup>00</sup>**



"Slim-Jim" external spray, for subgingival scaling. Med to low power range.

25K BB-P1000-25  
30K BB-P1000-30

Handpiece Sheath for Lil'Beaver & Beaver Elite  
SC-050 ..... \$ 35.00



Foot Control for Lil'Beaver & Beaver Elite  
SC-150 ..... \$ 110.00



Fully self-contained piezo scaler with dual bottle and on-board water/irrigant pump.



## POWER PLUS Piezo Scaler

*Desk-Top Piezo Scaler with Dual Bottle Water Supply*

Unit includes: Control Unit, Foot Control, 2 Bottles, Accessories Pack (with 5 assorted tips & tip wrench), Your Choice of Handpiece Style.

Your Choice of EMS or Satelec style Scaling Handpiece. Adapts to your current scaling tips and interchanges with your existing handpieces.

Desk-Top, Dual water Bottle Scaler Kit with LED Fiber-optic (Light)

**\$ 900.00 ea**

- EMS Compatible Handpiece ..... PT-PL900E
- Satelec Compatible Handpiece ..... PT-PL900S



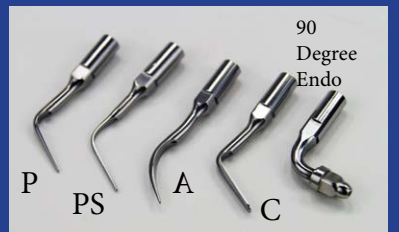
Desk-Top Dual water Bottle Scaler Kit with Non-LED, (No Light)

**\$ 800.00 ea**

- EMS Type Handpiece ..... PT-PP500E
- Satelec Type Handpiece ..... PT-PP500S

### Each Unit includes all Accessories

Sterilization Tray, Autoclavable Tip Wrench with torque control, Autoclavable Tip Holder, plus 5 Tips: P, PS, A, C & 90° endo tip. Satelec/NSK or EMS type.



**20 Contact Your Dental Dealer To Place an Order**



## POWER PLUS Piezo Scaler

Desk-Top Piezo Scaler Kit.

Unit includes: Control Unit, Foot Control, Water Supply Connector, Accessories Pack (with 5 assorted tips & tip wrench), endo sterilization tray, autoclavable tip holder.

Your Choice of Handpiece Style. 1 Year Warranty.

- |  |                     |
|--|---------------------|
| Desk-Top, Scaler Kit, with LED Handpiece       | <b>\$ 650.00 ea</b> |
| EMS Type, LED (with light) Handpiece.....      | PT-PL300E           |
| Satelec Type, LED (with Light) Handpiece ..... | PT-PL300S           |
| Desk-Top, Scaler Kit, Non-Led No Light         | <b>\$ 550.00 ea</b> |
| with EMS Type, No Light Handpiece .....        | PT-PP200E           |
| with Satelec Type, No Light Handpiece .....    | PT-PP200S           |



## POWER PLUS Piezo Scaler Built-In Scaling Unit

Unit includes: Control PC Board, Power Supply, Power Control Adj, Air / Electric Switch, Accessories Pack (Sterilization Tray, Autoclavable Tip Wrench with torque control, Autoclavable Tip Holder, plus 5 Tips: P, PS, A, C & 90° endo), Your Choice of Handpiece Style.

1 Year Warranty.

- |                                  |                      |
|----------------------------------|----------------------|
| LED Lighted Optic Scaler Set     | <b>\$ 850.00 Kit</b> |
| EMS Type Handpiece Type .....    | PT-BIL-E             |
| Satelec Type Handpiece Type..... | PT-BIL-S             |
| Non-Optic Scaler Set             | <b>\$ 700.00 Kit</b> |
| EMS Type Handpiece Type .....    | 10-BI                |
| Satelec Type Handpiece Type..... | 10-BI-S              |



# Piezo Tips - Special

## Buy 3 Get 1 FREE! Buy 6 Get 4 FREE!



### General Scaling Tips!

**G1** **\$55<sup>00</sup>**  
 Similar to satelec #1. Round top scales back toward curve only.  
 EMS Type ..... 11-G1  
 Satelec/NSK ..... 11-G1-S



**G2** **\$55<sup>00</sup>**  
 Similar to EMS # B, Satelec # 2. Blunt scoop nose for heavy calculus.  
 EMS Type ..... 11-G2  
 Satelec/NSK ..... 11-G2-S



**G3** **\$55<sup>00</sup>**  
 Similar to EMS #P. Thick version of perio tip for higher power settings.  
 EMS Type ..... 11-G3  
 Satelec/NSK ..... 11-G3-S



**G4** **\$55<sup>00</sup>**  
 Similar to EMS # A. Similar shape to G1 no rounded top, scales on both sides.  
 EMS Type ..... 11-G4  
 Satelec/NSK ..... 11-G4-S



**G5** **\$55<sup>00</sup>**  
 Similar to NSK # G1. Rounded top gentle curve version of G1.  
 EMS Type ..... 11-G5  
 Satelec/NSK ..... 11-G5-S



**G6** **\$55<sup>00</sup>**  
 Similar to EMS # C. Blunt nose heavy calculus thicker than G 2.  
 EMS Type ..... 11-G6  
 Satelec/NSK ..... 11-G6-S



**H3** **\$60<sup>00</sup>**  
 Similar to Satelec # H3. Heavy duty aggressive curette style tip for removal of heavy calculus.  
 EMS Type ..... 11-H3E  
 Satelec/NSK ..... 11-H3S



**Featured Item!**

### Periodontic Tips!

**P1** **\$55<sup>00</sup>**  
 Thin sharp perio tip. Thin version of G1.  
 EMS Type ..... 11-P1  
 Satelec/NSK ..... 11-P1-S



**P3** **\$60<sup>00</sup>**  
 Similar to EMS PS. Thin long perio tip. Thin version of G3.  
 EMS Type ..... 11-P3  
 Satelec/NSK ..... 11-P3-S



**Diamond P3D** **\$95<sup>00</sup>**  
 Diamond plated version of P3.  
 EMS Type ..... 11-P3D  
 Satelec/NSK ..... 11-P3D-S



### Tips for Endodontics!



**E3** **\$55<sup>00</sup>**  
 EMS Type ..... 11-E3  
 Satelec/NSK ..... 11-E3-S



**Diamond P4D** **\$95<sup>00</sup>**  
 Our recommended tip for opening up canals and removing posts  
 EMS Type ..... 11-P4D  
 Satelec/NSK ..... 11-P4D-S



**P4** **\$55<sup>00</sup>**  
 EMS Type ..... 11-P4  
 Satelec/NSK ..... 11-P4-S



**Diamond E3D** **\$95<sup>00</sup>**  
 EMS Type ..... 11-E3D  
 Satelec/NSK ..... 11-E3D-S



**E1** **\$95<sup>00</sup>**  
 For activating solutions in the canal  
 EMS Type ..... 11-E1  
 Satelec/NSK ..... 11-E1-S



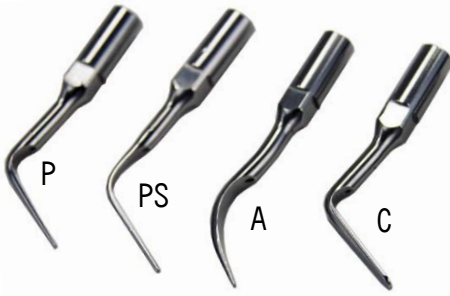
**E2** **\$95<sup>00</sup>**  
 For activating solutions in the canal  
 EMS Type ..... 11-E2  
 Satelec/NSK ..... 11-E2-S



**P2R (right crv)** **\$60<sup>00</sup>**  
 EMS Type ..... 11-P2R  
 Satelec/NSK ..... 11-P2R-S



**P2L (left crv)** **\$60<sup>00</sup>**  
 EMS Type ..... 11-P2L  
 Satelec/NSK ..... 11-P2L-S



**Direct Replacement EMS Style tips**  
 Direct replacement tips for EMS style. Designed as a great low cost alternative to the more expensive genuine EMS tips. Available in the 4 most popular shapes. Also available in EMS or Satelec/NSK thread.

Description	EMS	Satelec	
#P Perio Tip.....	11-P.....	11-P-S	\$ 60.00
#PS Perio Slim.....	11-PS.....	11-PS-S	\$ 60.00
#A Universal .....	11-A.....	11-A-S	\$ 55.00
#C Beaver Tail.....	11-C.....	11-C-S	\$ 55.00

**Buy 3 get 1 FREE or Buy 6 Get 4 FREE!**

**TIP Wrench and Tip Accessories**



Tip Wrench w/over torque release accepts both Satelec/NSK and EMS type tips.  
 11-TW-S ..... **\$ 15.00**



Deluxe Wrench Magnetic Wrench holds tip after removal for sterilization, aluminum construction, autoclavable! For use with all brands EMS, Satelec and NSK.  
 11-TW-U2 ..... **\$ 25.00**



Sterilizable Tip Holder - holds 6 tips securely for sterilization. Lid tips down for easy access in the operator. Load with your favorite tips and always have the tips you need.  
 11-TH.....Special **\$ 55.00**

**Replacement Handpiece**

Direct replacement part. No additional parts or accessories needed. Meets 100% of original equipment specifications.

**Handpiece Tubings Ends**

**EMS Type**



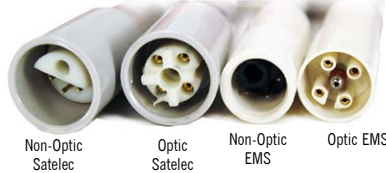
Units do not retrofit from non LED.

For EMS LED type handpieces (PTL-E)  
 Satelec Style .....10-HEL-E **\$ 300.00**

Units do not retrofit from non LED.



For Satelec LED type handpieces (PTL-S)  
 Satelec Style .....10-HEL-S **\$ 300.00**



**New Lower Price**

For EMS, Piezo Tech type handpiece  
 EMS Style ..... 10-HE **\$ 200.00**



**New Lower Price**

For Satelec type handpieces  
 Satelec Style .....10-HE-S **\$ 200.00**



**Vector Tips To Fit KaVo Air Scalers**  
**Direct Replacement Tips**  
**Compare and Save**

**Only \$ 60.00**

Curette Type	Perio
# 5..... Vector # GKC	# 7..... Vector # GKP
Sickle Scaler	X-Long Perio
# 6..... Vector # GKS	# 8..... Vector # GKELP

Note: does not fit the Vector Super Sonic Scaler

# LED Turbo Full Spectrum - 2,100mW/cm<sup>2</sup>

**3 Second, Cordless LED - Super-Fast, Dual-Cure, Curing Light**

## Features -

### FULL SPECTRUM CURING! CURES EVERYTHING!

- Super High Output (2,100 mw/cm<sup>2</sup>) for super fast curing. (3 seconds up to 3 mm)
- Full spectrum broadband curing. Both blue and violet wavelength range of 390 - 480nm, CURES EVERYTHING FAST!!!
- 4 curing modes - Standard, Ramp and Boost. *Now new Ortho/Sealant mode!*
- High capacity battery - best battery in the business (2 year warranty) get over 1 hour of curing time on full battery charge (that is 1,200 three second cures on one battery charge)
- Fast charging base with built-in testing device. Get a 90% battery charge on 1 hour of charging time.
- Ergonomic gun type design
- High quality glass light guides, 8mm turbo tip included. Optional 11mm, 8mm standard or 3mm tacking tip available.



## VECTOR LED Turbo

Deluxe, ultra-high-output, full spectrum curing light.

### Complete Kit Includes:

Curing Light, 8mm Light Guide, Light Shield, Charging Base, Power Transformer.

Black ..... VLEDT Retail \$ 700.00

White ..... VLEDT-W Retail \$ 700.00

1 year warranty on light and charging base

(note no warranty on light guides),

2 year warranty on battery

**Only  
\$595<sup>00</sup>**



## Curing Light

Accessories & Parts - works with all Vector curing lights



Accelerator light tip 12-8mm .....	807	\$ 150.00
Accelerator light tip 8-4mm .....	811	\$ 150.00
8mm standard light tip .....	801	\$ 100.00
12mm standard light tip .....	803	\$ 100.00



# LED-P Pen Type 1400mW/cm<sup>2</sup>

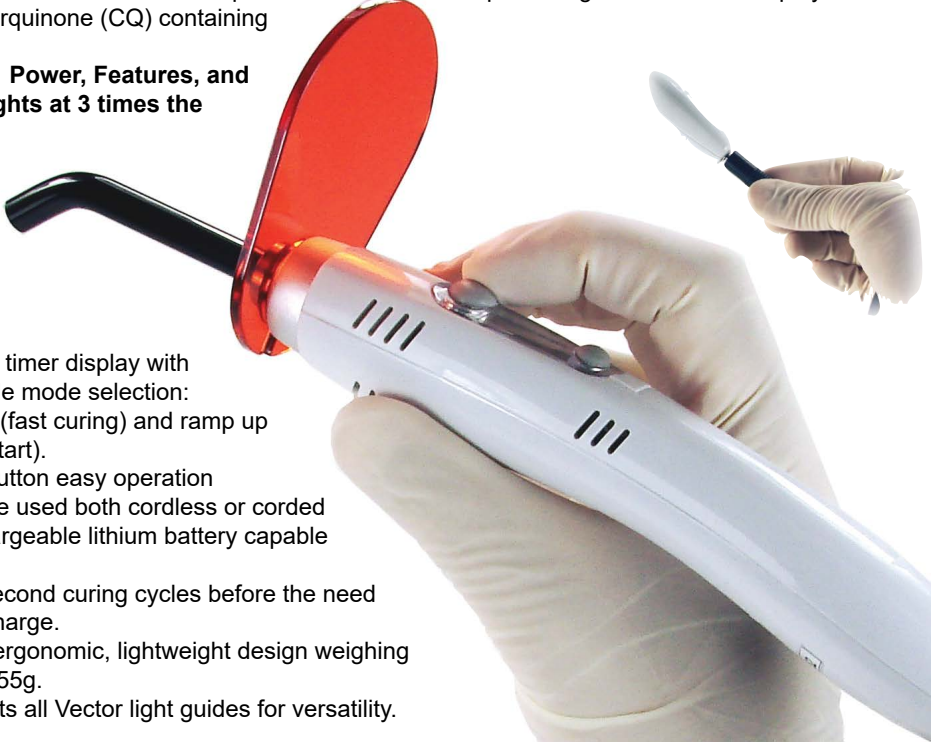
## Economy, Cordless or Corded LED - Curing Light

The Vector LED-P curing light is a fast-curing LED light offered at an incredible value price! Emits typical light output at about 1,400mW/cm<sup>2</sup> needs only 5 seconds to cure most resin-based composites on the market. Incorporates a 5W blue LED producing 440 to 480nm to polymerize all camphorquinone (CQ) containing products.

**Compare: Power, Features, and Price to lights at 3 times the price!**

Features:

- Digital timer display with multiple mode selection: Boost (fast curing) and ramp up (soft start).
- Two button easy operation
- Can be used both cordless or corded
- Rechargeable lithium battery capable of 200 - 10 second curing cycles before the need to recharge.
- Slim, ergonomic, lightweight design weighing only 155g.
- Accepts all Vector light guides for versatility.



**Compare to the DEMI!**

### VECTOR LED-P Pen

The Vector LED-P curing light is a pen-style, cordless, high-performance LED curing unit. Two curing modes: Ramp and Boost. Features removable glass light guide that can be rotated 360° for optimum positioning. The LED-P accepts all Vector light guides.

Complete Kit Includes: Curing Light, 8mm Light Guide, Light Shield, Charging Base and Power Transformer.

White ..... Item # LED-P      Retail \$ 500.00

**Only \$395<sup>00</sup>**



Battery for:  
LED Turbo ..VLEDT-BAT \$ 50.00  
LED-P .....LEDP-BAT \$ 50.00

Safe-T glasses  
# 802..... \$ 20.00

Oval Light Shield  
# 815..... \$ 25.00

# LET'S DO IMPLANTS!

Complete implant motor set! All you need is the implants!

Now with LED  
Lighted Motor and  
Fiberoptic Angle



Complete Set:  
Control Box + Foot Control + Motor + 20:1 Angle!



Only  
**\$2,595<sup>00</sup>**

## All New MD Technologies Implant Motor Set!

Complete set includes: Control box, Full-function- variable speed foot pedal, 40,000 rpm motor with led light, 20:1 reduction fiber-optic contra angle, integrated water pump with sterile water tube.

- Everything you need to get started!
- Get your implant starter kit from your favorite implant manufacturer and go!
- Fully adjustable and programmable.
- Works with every brand make or model of implant.

### CONTROL BOX FEATURES:

Lighted LCD Display

Adjustment Buttons from Left to Right.

- 1) Adjustable pre-programmed gear ratios  
1:1, 20:1, 32:1, 1:2
- 2) Adjustable irrigant water flow control
- 3) Forward / reverse adjustment
- 4) Light on / off
- 5) Program setting / save mode



### Right Side Selector Arrow Buttons

- (Top to Bottom)
- Speed
  - Torque
  - Program selection

9 memory programs  
20-2,000 rmp (20:1)

### Complete Implant System!



### MD-Tech Complete Motor Set:

Includes: Control box, foot control, 20:1 Optic handpiece, multi-function variable speed foot control, handpiece stand, tubing set, accessories.

MT-1020.....	Reg. \$3,200 <sup>00</sup>	Special <b>\$2,595<sup>00</sup></b>
20:1 Optic Implant Contra Angle		
MT-1020A.....	Reg. \$950 <sup>00</sup>	Special <b>\$695<sup>00</sup></b>
Implant Tubing Set		
MT-10IT.....	Reg. \$20 <sup>00</sup>	Special <b>\$12<sup>00</sup></b>

# Performance implantology angles

*Designed for durability and built for performance.*

**Universal ISO E-Type connection - works with any standard E-Type electric motor system!**



Deluxe Push Button 20:1 Implant Contra Angle. Precision pin-set-no-shear gears, hardened steel alloy transgear. Deluxe ball bearing cartridge. Precise transfer of torque and speed. Rated to 70nm - far exceeds most implant motor systems.

MT-20PDX..... **Only \$495<sup>00</sup>**

Compare Low Service Cost! - Service Parts:

- Precision replacement Transgear (also fits NSK)  
MT-20TG.....\$ 65.00
- Precision Replacement Cartridge (also fits NSK)  
MT-20CT.....\$ 105.00

**OPTIC Style - Universal ISO E-Type connection! Works with any standard E-Type Optic electric motor system (note must have optic connection)!**



20:1 Optic Implant Contra Angle. Works on all fiberoptic implant systems. Stainless steel body for extra durability, stain-resistant! External Irrigation.

20:1 gear reduction - 20 to 2,000 rpm  
Max Torque 70Ncm  
Push Button latch type - for implant drills.

MT-IO20A..... Reg. \$950.00 Special **\$695<sup>00</sup>**

Implant Tubing Set, Includes:

Tubing, plunger, stopper, handpiece clips

MT-IOIT..... Special **\$12.00**

Package of 10 sets

MT-IOIT10P..... Special **\$100.00**



- Direct replacement angles for any brand, style, or type of implant motor or angle system.
- Save hundreds - *just match the gear reduction and save.*

**Close Out Limited to Stock on hand**



## Push Button Implant Angles

Angles include internal irrigation needle and "Y" connector.

- 16:1 Reduction (37.5 to 3,125 rpm)  
MT-16P (\$540.00).....\$ 395.00
- 20:1 Reduction (30 to 2,500 rpm)  
MT-20P (\$575.00).....\$ 395.00
- 32:1 Reduction (20 to 1,560 rpm)  
MT-32P (\$600.00).....\$ 395.00
- 64:1 Reduction (10 to 800 rpm)  
MT-64P (\$600.00).....\$ 395.00

**Close Out Limited to Stock on hand**



## Manual Latch Implant Angles

Angles include internal irrigation needle and "Y" connector.

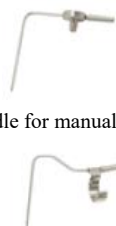
- 16:1 Reduction (37.5 to 3,125 rpm)  
MT-16M (\$520.00).....\$ 395.00
- 20:1 Reduction (30 to 2,500 rpm)  
MT-20M (\$550.00).....\$ 395.00
- 32:1 Reduction (20 to 1,560 rpm)  
MT-32M (\$575.00).....\$ 395.00
- 64:1 Reduction (10 to 800 rpm)  
MT-64M (\$575.00).....\$ 395.00

Accessories for the original MD-Tech or Saeshin Implant System



MT-003 \$ 40.00

Internal irrigation needle for manual latch angles



MT-003-P \$40.00

Internal irrigation needle for push button auto-latch angles

MT-007 \$ 12.00

Stainless Steel irrigation tube clamp



MT-004 \$ 25.00

Irrigation tubing set



MT-005 \$ 25.00

Irrigation "Y" connector



MT-006 \$ 15.00

Irrigation tube holder (package of 10)



# Mega-Torque Electric Lab Handpiece Set

## Features!

**High quality, modern, durable control box.** We have updated and modernized our control box for a more stylish look. **But looks are not everything!** New digital speed control dial with digital read-out. Exclusive Auto-Cruise button maintains speed even after letting up on foot pedal.

## Features!

**Deluxe high-torque 0-35,000rpm lab handpiece.** Compare and save! This is a high performance motor. Very smooth and quiet with twist style chuck to quickly exchange out burs and mandrels with ease. Back cord cap removes easily for quick in-office replacement of motor brushes.

## Features!

**Variable speed foot pedal included!** The high quality foot pedal allows full, hands-free speed adjustment. Compare to our competitor's units that include only an on/off foot pedal which forces you to adjust speed at the control box dial. The variable speed foot pedal is a "must have" feature when shopping for a new lab motor! **All VECTOR MEGA-Torque Lab Motors come with the variable speed foot pedal option included at no charge!**



## MEGA Torque Electric Lab Handpiece - Kits!



**Lab Motor Set**  
Control box, foot pedal,  
deluxe lab handpiece  
# EL-S..... \$ 400.00



**E-Type Motor Set**  
Control box, foot pedal,  
E-Style Handpiece  
# EL-SE ..... \$ 400.00



**E-Type W/Nosecone Set**  
Control box, foot pedal, E-Style  
Handpiece , (SN-NK) E-type  
straight nose cone  
# EL-SEW..... \$ 525.00

Replacement Handpieces \$ 200.00 each



Vector Handpiece Only  
EL-L3



Vector Handpiece E-Type  
EL-ET3



Vector Handpiece Only  
Nosecone Type  
EL-L3NC

Service Parts  
(may require installation)

Spindle Chuck Assy.  
EL-SCA ..... \$ 58.00  
Brushes set of 2  
EL-BR ..... \$ 20.00  
Foot Control (old)  
EL-FC ..... \$ 80.00  
Foot Control (new)  
EL-FC2..... \$ 80.00

# Black Max Brush-less Lab Handpiece System

The Black Max brush-less system is a high-performance, high-torque, high-speed (50,000rpm) dental laboratory handpiece system. This motor is perfect for the commercial dental laboratory or the dentist who is looking to upgrade to a “commercial” quality unit.

A “Must-Have” for any CEREC User!  
50,000 rpm polishes all materials!



## Full featured and complete

**Handpiece:** Ultra-smooth, brush-less, 50,000rpm handpiece. Accepts all 3/32” lab burs, mandrels, and cutting tools. Smooth strong chuck prevents bur slip.

**Control Box:** Digital speed read-out, digital forward/reverse and hand/foot selector. Full function and upright display panel for ease of adjustment. Built-in carrying handle enhances portability.

**Foot Control:** Full function and easy to use foot pedal.

**Exclusive Auto-cruise Feature:** When on foot control mode select the “auto-cruise” button. Hold the motor speed at the desired rpm, the unit will beep in a few seconds, let up on the foot pedal and the unit will maintain the selected speed until the foot control is depressed again. This feature reduces foot strain during longer procedures while still allowing the variable speed of the foot pedal.

## Black Max Deluxe Brush-less Lab Motor System

Includes: Control box, handpiece, foot control, handpiece stand, power cord. 1 year warranty.

Made in Korea.

### Handpiece Kit

BL-500 ..... \$ 975.00

### Accessories:

Black Max Handpiece Only

BL-550 ..... \$ 500.00

Black Max Foot Control Only

BL-FC ..... \$ 110.00



# 45° Highspeed - No Air Jet!

The new Vector ECO & OS series 45 is an excellent value and great combination of durability and performance. No chip-air into the surgical sight reduces the risk of air embolism when compared to a standard air driven highspeed handpiece. 45 degree angle design improves access to the 3rd molar region. Plenty of power and torque to get the job done with a small enough head still provide good visibility to the surgical area. Vector engineering and design provides quiet and efficient operation with plenty of power to get the job done.



Available in 3 configurations: The ECO-45 K series in both optic and non-optic type that connect to Vector & KaVo Multiflex couplers and the ECO-45 model with included quick-release swivel connector for the offices that have simple 4 hole connectors.



## ECO-45(K) Style - Non-Optic

Vector Non-Optic ECO-45 K-Style non-optic 45 degree highspeed. Includes: Highspeed, Cap Wrench, Spray lubrication adapter.

OS45S ..... \$ 450.00



## ECO-45(K) Style - Optic

Vector Optic ECO-45 K-Style optic 45 degree highspeed. Includes: Highspeed, Cap Wrench, Spray lubrication adapter.

OS45SL ..... \$ 650.00



## New! Vector ECO 45 - For 4 Hole Connections

- Excellent torque and cutting efficiency!
- Improved bur holding power!
- Direct replacement for NSK CH45 style high-speeds!
- Single water spray - no chip air!



**Vector ECO 45** High-performance air-driven 45 degree, no-chip-air, highspeed handpiece. With quick connect swivel connection included, connects to 4 hole non-optic tubings. 6 month warranty on turbine, 1 year on handpiece.

Includes: Handpiece, 4 hole swivel connector, lubrication adapter, cap wrench. 6 month warranty on turbine, 1 year on handpiece.

E-45-4 ..... Retail \$ 400.00

Turbine: Vector # TNCS ..... Retail \$ 175.00

# ROOTMASTER

## Digital Apex Locator

The next generation of apex locator's.  
**Highly precise and computer tested to provide very accurate measurement of the root canal.**

**Features:**

- **Computer controlled variable frequency measurement** allows for precise measurement in dry fields as well as in the presence of blood, electrolyte or physiological brine.
- **Audible tone indicator** always know where you are in the canal even when the screen is not visible.
- **Use it with all your files!** File thickness does not affect the accuracy of the measurement.
- **Rechargeable batteries and charging plug included!**



Root III Apex Locator Kit  
**X503** ..... \$ 580.00  
 Includes: Unit, file holder, Lip clip, batteries,  
 110 volt charging plug, instructions



# Vector DigiMix Amalgamator

**Features:**

**NEW! Digital Variable Speed Control:**

Variable speed adjustment allows user greater flexibility with concern to firmness, wetness of mix as well as broadening the scope of materials the amalgamator is able to mix.

Speed range Variable from:  
 2,800 to 5,000

**Digital Time Control:**

Set the time digitally from 1-99 seconds.  
 Auto stop at desired time with digital countdown timer.

**Time and speed Memory:**

On-board memory allows the user to turn the main power switch off without having to reset the last time and speed setting when the unit is powered back on.

**Safety Door Switch:**

Save your fingers! Unit stops oscillation when the door is opened saving your knuckles from reaching in on an active, moving capsule.



Variable speed digital amalgamator.  
 Basic simple controls, quiet operation.  
 A-VS100 ..... **\$ 270.00**

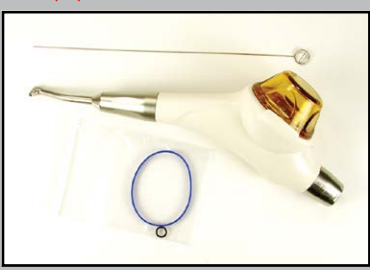
## Prophy Plus Air Polisher



**BIO-FILM  
BUSTER!**

**FREE VKS**  
Swivel Coupler  
with Purchase of  
PPW-K

# PPW-K  
Retail \$ 995.00



## Prophy Plus Handpiece Kit

Retail..... \$ 995.00

Includes: Handpiece, tip and replacement o-ring kit.

Note: Powder and swivel sold separately.

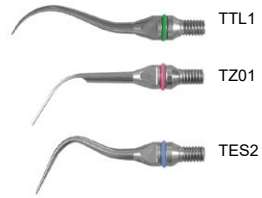
KaVo Type ..... PPW-K  
NSK Type ..... PPW-N  
Bien-Air..... PPW-B  
Sirona ..... PPW-S

## SUPER SONIC Air Scaler



**FREE VKS**  
Swivel Coupler  
with Purchase of  
SS-17K-K

4 line Fixed Back End  
SS-17K-M \$ 620.00  
KaVo Swivel Compatible  
SS-17K-K \$ 620.00



## Super Sonic Air Scaler

Includes: Scaler, 1 each scaler tip (TTL1, TZ01, TES2),

tip wrench, service wrench, instructions

For KaVo Swivels ..... SS17K-K \$ 700.00

4 line fixed back end... SS17K-M \$ 700.00

Accessories:

Power cartridge ..... SS-5022711 \$ 400.00  
Tip green ..... SS-TTL1 \$ 75.00  
Tip pink ..... SS-TZ01 \$ 75.00  
Tip blue ..... SS-SES2 \$ 75.00

# STAINMASTER - Economy Prophy Blasting Handpiece

The Vector **STAINMASTER** portable air polisher is effective and easy to use. A slurry of air, powder, and water mix at the tip to safely and effectively remove stain and bio-film from the tooth surface. Installation: Simply connect the handpiece to any standard 4 hole tubing, fill the powder chamber with your choice of prophy powder and away you go! You can adjust the amount of water and force of air by adjusting the handpiece water flow and handpiece air-pressure adjustments on your dental unit. Sterilization: The tip is removable for autoclaving between patients. Do not autoclave the handpiece body. Make sure to remove powder and flush the tip and body by purging with air every evening so that powder is not left in the unit overnight.



## Stain Master Prophy Handpiece

Includes: Handpiece, 3 Tips, Replacement o-ring 1 each, Replacement Powder Bowl Lens (2), Lemon Flavor Powder 130gm.

Vector # ..... PB500 \$ 300.00