

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

Regular Price \$ 700.00

Year End Special **\$595<sup>00</sup>**  
See Page 32

## SCALERS! PIEZO AND ULTRASONIC!

Ultrasonic Scaler!

Start @ **\$625<sup>00</sup>**  
Plus FREE Insert or Inserts!

## Prophy Handpiece

Super Light and Small

Special **\$395<sup>00</sup>**  
See Page 20

## 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!

Check out the NEW Lil'Beaver





Fox Island Washington

Vector Customers,

I founded Vector R & D in 2001 because I felt that the larger manufacturers were using their power to drive up prices while lowering quality. I wanted dentist and dental dealers to have an alternative to the corporate and venture capital owned large "major" brands.

Since we started, Vector has been committed to providing the best possible value to the dentist while providing comfortable margins for our dealer network. We aim to support our customers (both dealers and dentists) by repairing and servicing everything we sell right here in Tacoma Washington.

Give us a try - we are here to support your practice and business!

Sincerely,

Brent Bigler  
President and Founder

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# ALL NEW Vector Velocity EXTREME Series Master Series

## Got KaVo? Get Vector!

Compare to KaVo Master Series.

- Gentlesilence 6500BR or
- Gentlemini 4500BR



Scan for web info



## Velocity Extreme Series

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, STAR and NSK style couplers! UPGRADE from any of these swivel coupler styles without changing your tubing connections.



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.

# 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

for STAR DENTAL style connectors



## Velocity Extreme Vx9

Access head, 3-port water spray.  
to fit STAR DENTAL - optic ..... Vx9-SLS  
to fit STAR DENTAL - non-optic ..... Vx9-SS

Velocity Extreme handpieces are NOT prelubricated or "Lube-Free"!  
Lubrication is required - ask us why!

## 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

# Vector F-Series

Scan for  
web info



**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      \$ 625.00
- to fit KaVo Multiflex™ - non-optic..... F6-SK      \$ 450.00

**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      \$ 625.00
- to fit KaVo Multiflex™ - non-optic..... F7-SK      \$ 450.00

**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      \$ 625.00
- to fit KaVo Multiflex™ - non-optic..... F4-SK      \$ 450.00

**Special  
Buy 3 Get  
1 FREE!**

**Value? Mix-N-Match Super Special!!!**

**SPECIAL  
BUY 3 Get  
1 FREE!**



Mix and match models! Choose a couple small head for access and a couple large head for increased torque !

**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

**\$ 390.00**

**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

**\$ 390.00**

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

**SPECIAL  
BUY 3 Get 1  
FREE!**



Buy 3 Fixed BE (3 x \$ 390.00 = \$ 1,170.00) Get 1 Free (\$ 1,170.00 / 4) = \$ 292.50 each

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

## 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 Vx-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

**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

**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

**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, or ADEC)  
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, 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*

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## 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 \$ 105.00 ea**

4 hole standard fixed back end (HAS-4)

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



**Push Button Autochuck \$ 155.00 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**

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

**Direct Replacement  
Kavo Spray!**

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

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web info



**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)..... \$ 45.00 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)..... \$ 45.00 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)..... \$ 50.00 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 \$ 12.00 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 9**

## 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 STAR style handpieces.

### New - Vector Couplers to Fit Star!

Fits all "Star-Style" High and low-speed handpieces. 100% Compatible!



### Vector Star Style Coupler

4 hole Non Optic

Direct replacement for Star # 26154

4 Hole (VSS) \$ 125.00



### Vector Star Style Coupler

5 hole - Optic

Direct replacement for Star # 263758

5 Hole (VSS5) \$ 205.00



### Vector Star Style Coupler

6 pin - Optic (halogen)

Direct replacement for Star # 268844

6 Pin (VSS6) \$ 210.00

## 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

# 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



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



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



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



LED for Bien-Air / Midwest XGT  
 Also work with KaVo, ADEC, Forest, Beaver State F/O tubings.  
 Each .....VBAKL  
 Pack of 3.....VBAKL-3

Will also fit Forest/Adec/Beaverstate tubing. Note LED's will not work with AC power supply must be DC!

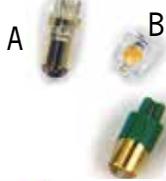


LED for STAR 6 pin Couplers  
 (SP) (RP\*)  
 Each .....VSTL VSTL2  
 Pack of 3.....VSTL-3 VSTL2-3  
 \*Reverse polarity



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

### For Motors



LED for **KaVo** Motors, couplers w/o conversion  
 Each 3 Pack  
 A) KaVo Motors, Coupler.....VKML VKML-3  
 B) KaVo KL703 .....VKL703



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



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



LED for ADEC/ W&H Motors  
 A) LED for LT25 Motors  
 Each .....VWML  
 Pack of 3.....VWML-3  
 B) LED for EA40A, EA40LT, A25LT, A-25A, A25BL, A-25M  
 Each .....VWEAL  
 Pack of 3.....VWEAL-3

LED for NSK Motors  
 A) for TIM40, TI250L.....VNML VNML-3  
 B) for NL400, KCL8 .....VNMMML VNMMML-3  
 C) for M40 LED, M205LG, NBS, X205L, KCL, SCL and PTL LED .....VNMPML VNMPML-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**



Bulb for: Star Dental 6 Pin Swivel Coupler  
 Compare to: **Star # 262522**



Bulb for: NSK and Schein 6 pin couplers  
 Compare to: **NSK # PTL Y900-529**



Bulb for: Bien-Air Electric Motors  
 Compare to: **Bien-Air # 1500007-005**



Bulb for: W&H/Adec all models except LT25 motors and RA-24 Coupler  
 Compare to: **ADEC# 0.02207610**

Vector # **VMB**  
 Retail \$ 25.00 ea

Vector # **VSB**  
 Retail \$ 25.00 ea

Vector # **VNB**  
 Retail \$ 25.00 ea

Vector # **VBB**  
 Retail \$ 25.00 ea

Vector # **VWB**  
 Retail \$ 25.00 ea

### Vari-Volt Plus Fiber-optic Control

- Variable voltage and variable amps(mA)!
- Built For LED couplers!
- Adjustable time delay!
- Independently power two fiber-optic tubings.

Power supply, control box, Package  
 Package Set ..... (VVOSP) \$ 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!

**Contact Your Dental Dealer To Place an Order 11**

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)      \$ 210.00



### For ADEC / W&H



#### ADEC W&H

Special \$ 210.00 ea

- Synea TA96, TA96L, TA96LM, TA96M .....#TW96
- Synea TA-98, TA98L, TA98LM, TA98M .....#TW98
- 300 Series TE-97 (LQ, RM, BC) .....# TW97E
- 300 Series TE-98 (LQ, RM, BC) ..... TW98E
- 400 Series TG-97 (L, LW, LN, LM) ..... # TW97G
- 400 Series TG-98 (L, LW, LN, LM) ..... # TW98G
- 500 Series TK-97 (L, LM) .....# TK97K5
- 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 TC-95 ..... # TWC95
- Allegra TE-95.....# TWE95
- Allegra TE-96.....# TWE96

### For LARES Handpieces

#### 557 Std.

Each ..... (TL557)      \$ 185.00  
Each ..... (TL557CX)      \$ 185.00



#### 757 Series

Each ..... (TL757)      \$ 185.00  
Each ..... (TL757CX)      \$ 185.00



#### 757 Triple Spray

Each ..... (TL757T)      \$ 185.00



### For Impact Air Handpieces

#### Push Button

Each ..... (TPD45)      \$ 210.00



### 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)      \$ 155.00  
3 pack..... (TMQL-3P)      \$ 395.00



#### Tradition - Lever

Each ..... (TMTL)      \$ 155.00  
3 pack..... (TMTL-3P)      \$ 395.00



#### Tradition/XGT - Push Button

Each ..... (TMTP)      \$ 155.00



#### Stylus (360)

Standard..... (TMSU)      \$ 210.00  
Mini..... (TMSM)      \$ 210.00

## For KaVo Handpieces

### KaVo 640/630

#### Auto-chuck

Each .....(T640) \$ 210.00  
3 Pack.....(T640-3P) \$ 525.00



### KaVo 642/632/643

#### BELLATorque

Each .....(T642) \$ 210.00  
3 Pack.....(T642-3P) \$ 525.00



### KaVo 647/649

#### Auto-chuck

Each .....(T647) \$ 210.00  
3 Pack.....(T647-3P) \$ 525.00



### KaVo 635B/635BR

#### Auto-chuck

Each .....(T635) \$ 210.00  
3 Pack.....(T635-3P) \$ 525.00  
KaVo 635BR.....(T635BR) \$ 210.00



### KaVo 625CD

#### Auto-chuck

Each .....(T625) \$ 210.00



### KaVo 634P4

#### Auto-chuck

Each .....(T634) \$ 210.00



### New KaVo Model

#### Auto-chuck

##### Smarttorque

S605 / S615L.....(T615) \$ 210.00  
S609C / S619C / S619L .....(T619) \$ 210.00

##### Experttorque

E679L / E680L / E680LM / E680C ... (T679) \$ 210.00  
E675 / E677L .....(T646) \$ 210.00

##### MASTERTorque

M8900L/M900L/M900LS ....(T8900) \$ 210.00  
MASTERmini M8700L.....(T8700) \$ 210.00  
636CP / S646B.....(T646) \$ 210.00  
650B / 650C.....(T650) \$ 210.00  
655 / 659BR / 660.....(T655) \$ 210.00  
659.....(T659) \$ 210.00



### KaVo GENTLEmini

#### 4500B/4500BR/5000

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



### KaVo 6000B

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



### KaVo 6500B/6500BR

#### GENTLEsilence

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



## For NSK Style Handpieces

### Standard Can

Fits: Alph Air, Pana-Air, Henry Schien Darby and all standard Canister style Highspeeds.

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



### Push Button Can

Fits: Alph Air, Pana-Air, Henry Schien Darby and all standard Canister style Highspeeds.

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) \$ 195.00

A300L / MACH 2S / 75S / 85S ... (TNMS) \$ 195.00

A400L / MACH 2T / 75T / 85T ....(TNMT) \$ 195.00



### *NEW!*

### NSK TiMAX, 9000

#### 500, 600, 700

X500 / NL9000M.....(TNTM) \$ 195.00

X600 / NL9000S .....(TNTS) \$ 195.00

X700 / NL9000T .....(TNTT) \$ 195.00



### NSK S-MAX

S-Max M500 / M500L .....(TNSM) \$ 195.00

S-Max M600 / M600L .....(TNST) \$ 195.00

### NSK Ti-Max Z-Series

Ti-Max Z Z800L.....(TNZM) \$ 210.00

Ti-Max Z Z900L .....(TNZT) \$ 210.00

Dont Forget to always use  
Vector Spray!  
The All-Synthetic-Premium  
Handpiece Lubricant!



# 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.



Free 2nd Contra Angle! With Motor Set Purchase!

### 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.

### 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 **\$ 755.00**

### 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 **\$ 360.00**

### 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!



Buy 3  
Get 1  
FREE!

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

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



Buy 3  
Get 1  
FREE!

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

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



Buy 3  
Get 1  
FREE!

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 "doriot" style prophyl or contra angle.

TT-SN1 ..... \$ 205.00



For  
Propfly's

### TURBO TORQUE 4:1 Reduction Propfly Adapter

4:1 Reduction takes 20K motor to 5K

U4-NK..... \$ 220.00



### 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**

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

Scan for web info



## Built-In version

Replaces one of your existing handpiece lines with electric. Control panel mounts externally.



### VECTORMatic IM100

#### Built-In Electric Micromotor Complete Set

40,000 RPM Motor, Touch-Pad, Control Board and VECTORMatic VM25LPA 1:5 Angle, Power Supply (not shown)

VM-IM100-SET .....Retail \$ 2,100.00

### Built-In Electric Micromotor Mini Set

40,000 RPM Motor, Touch-Pad, Control Board and Power Supply (not shown) This set does not include the angle!

VM-IM100 .....Retail \$ 1,400.00



Your handpiece line connects to the rear of the control box supplying water and air to the unit - easy installation

# Vector **VECTORMatic** Desk Top style



### VECTORMatic DV100

#### Desk Top Electric Micromotor Complete Set

40,000 RPM Motor, Desk Top Control Module, and VECTORMatic VM25LPA 1:5 Angle, Power Supply (not shown).

VM-DV100-SET .....Retail \$ 2,100.00

### Desk Top Electric Micromotor Mini Set

40,000 RPM Motor, Desk Top Control Module, and Power Supply (not shown) This set does not include the angle!

VM-DV100 .....Retail \$ 1,400.00



Vectormatic Motor only  
VM-IM100-MTR ..... \$ 600.00



Vectormatic Replacement O-ring  
VM-IM100-OR \$ 40.00



Vectormatic Tubing only  
Built in VM-IM100-TB ..... \$ 250.00  
(Not pictured above)  
Desk Top VM-DV100-TB ..... \$ 250.00  
(pictured above)



IM100

Vectormatic Power Supply  
Built in VM-IM100-PS ..... \$ 360.00  
Desk Top VM-DV100-PS ..... \$ 360.00

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# Vector **VECTORMatic**

Highspeed Applications



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

**VECTORMatic 1:5 Increasing Handpiece**  
1:5 Speed Increasing, Internal Coolant contra angle handpiece, Quattro Spray, Optic, Friction Grip Burs.  
VM25LPA ..... Retail **\$ 890.00**  
VM25LPA-3P 3 Pack ..... **\$ 2,195.00**

Surgical Applications



**VECTORMatic 45 Degree 1:4.2 Speed Increasing**  
1:4.2 Speed Increasing, Fiberoptic, Internal Coolant Contra Angle Highspeed for Electric Systems. Friction Grip & FG-Surgical Highspeed Burs.  
VM45L ..... Retail **\$ 1,125.00**

Lowspeed Applications



**VECTORMatic 1:1 Latch, Optic and Internal Water**  
1:1 Gear Ratio Non-Speed Increasing, Fiberoptic, Internal Coolant Contra Angle Highspeed for Electric Systems. Latch Type Low Speed Burs. Single body (head does not remove).  
VM20LP/KV68 ..... Retail **\$ 695.00**

## **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!



**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)*



**Vector Motor - Internal Spray**  
20,000 rpm motor with internal water spray.  
4 hole fixed back end connection.  
AM1011 ..... **\$ 655.00**



**Latch Type 1:1 (Blue)**  
KV68 ..... **\$ 245.00**  
*Direct replacement for KaVo # 68LU (003.7191)*



**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 2:1 (Green)**  
KV67 ..... **\$ 245.00**  
*Direct replacement for KaVo # 67LH (540.8460)*



**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**



**FG Friction Grip Type 1:1 (Blue)**  
KV80 ..... **\$ 270.00**  
*Direct replacement for KaVo # 80LD (540.1830)*



**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**  
VM29LP 7.4:1 Optic ..... **\$ 575.00**



**Screw/Knob Type Prophy Head 2:1 (Green)**  
KV31LR ..... **\$ 245.00**  
*Direct replacement for KaVo # 31LR (549.3380)*

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



Marathon angles are not made by or in any way connected with Midwest™, Shorty™, Rhino™ and 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 ..... \$ 130.00

**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



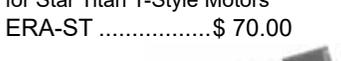
**Deluxe Ball Bearing Latch Head**  
for Star Titan T-Style Motors  
Compare to Star # 59005  
DRA-ST ..... \$ 100.00



**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**

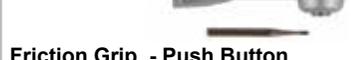


**Straight Nose Cone to fit: NSK, E-Type Motors.**  
SN-NK ..... \$ 235.00



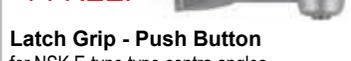
**Contra Angle Sheath to fit: NSK, E-Type Motors.**  
CA-NK ..... \$ 80.00

**Buy 3 Get 1 FREE!**



**Friction Grip - Push Button**  
for NSK E-type type contra angles  
TT-FGP ..... \$ 175.00

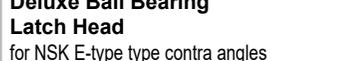
**Buy 3 Get 1 FREE!**



**Latch Grip - Push Button**  
for NSK E-type type contra angles  
TT-LAP ..... \$ 175.00



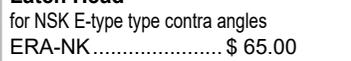
**Deluxe Ball Bearing Latch Head**  
for NSK E-type type contra angles  
DRA-NK ..... \$ 95.00



**Economy Latch Head**  
for NSK E-type type contra angles  
ERA-NK ..... \$ 65.00



**Mini Latch Head**  
for NSK E-type type contra angle sheaths  
MRA-NK ..... \$ 65.00



**Deluxe Prophy Angle - Screw Type**  
for NSK E-type type contra angle sheath  
DPS-NK ..... \$ 50.00

# GATOR-torque - XTC *Compare to Midwest Rhino XP*

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.



Scan for Web Info!



## Gator Torque XTC Motor & Motor Package Sets



### Gator-Torque XTC Motor Only

5,000 rpm accepts Midwest style contra angle attachments

GT-XTC \$ 460.00



### Gator-Torque XTC Prophylaxis Pack

5,000 rpm Gator-Torque XTC Motor with Prophylaxis Nose Cone (UA-MW), Package Set

GT-XTCPS \$ 525.00



### 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-XTCSS .....\$ 895.00

# 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.



### 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 \$ 395.00



Attaches to any Standard Straight Nosecone



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

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

U-Type  
DRA-U .....\$ 120.00 ea

#### Economy Latch Type Head

U-Type (20,000)  
ERA-U .....\$ 50.00 ea

#### Mini Latch Type Head

U-Type  
MRA-U .....\$ 60.00 ea

#### Deluxe Sealed Screw Type Prophylaxis Head

U-Type  
DPS-U .....\$ 28.00 ea

*The Ultimate Mini-Prophy Handpiece!*

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# MICROLITE

by Vector R & D Inc.



Special!  
3 Pack Deal  
as low as  
**\$ 945<sup>00</sup>**

**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	ML750	Regular Price \$ 550.00 ea
	Special	<b>\$ 425.00 ea</b>
3 Pack	ML750-3P	Regular Price \$ 1,500.00 pk
	Special	<b>\$ 995.00 pk</b>

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# 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



**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-TES2	\$ 75.00

# Lil' BEAVER *Classic*

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## MAGNETOSTRICTIVE Ultrasonic Scaling Unit

### FEATURES:

- Accepts both 25K (long) and 30K (short) ultrasonic inserts - no adapter or switch, unit automatically adjusts to accommodate any style, brand or frequency.
- Turbo boost, 2 position foot pedal - press lightly for regular dial power, press firmly for TURBO! *Heavy calculus watch out!*
- Convenient front-mounted water control with large easy-to-adjust dial - easy even with gloves. Easy-to-use front mounted power dial - simple performance.
- Front mounted main power switch - shutting the unit off when left unattended just got a whole lot easier.
- Removable handpiece sheath - sterilize just the sheath not the entire handpiece for improved durability and fast between patient processing (additional handpiece sheaths available separately).
- Lies flat or mounts vertically in provided vertical mounting stand for optimal counter space saving. Fits almost anywhere!

**Accepts Both  
25K and 30K  
Inserts**

Dimensions:  
(horizontal orientation)  
2.5"H x 7"W x 9"D  
(vertical orientation)  
8.25"H x 6.5"W x 9"D  
Weight: 6 lbs.



**Buy a  
Lil'Beaver  
Classic  
Get 1 Insert  
FREE!**

**Includes vertical mount base!**

## Vector Lil' Beaver Classic

### Complete Kit Includes:

Little Beaver Classic Scaling Unit, Power Cord, 2 Position Turbo Boost Foot Pedal, 1/4" Water Line w/Quick-Disconnect and filter, Vertical Mount Stand, Handpiece Holder Mount, Autoclavable Handpiece Sheath. 1 year warranty.  
Clean - White      Item # SC-CL001

**Sug. Retail  
\$625<sup>00</sup>**

### Packed with features!



Works with all your inserts!  
*Any brand, any manufacturer, 25K or 30K!*

#### Removable Handpiece Sheath



Replacements / Extras  
SC-050 ..... \$ 35.00 ea



2 position - Turbo boost  
foot pedal

#### Large easy to use front mounted controls





# BUCKY BEAVER

## Ultrasonic Inserts!

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

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



All inserts available in 25K or 30K versions



"Slim-Jim", (**GREEN**) thin design for subgingival scaling.

Low power range.

25K BB-IF100-25

30K BB-IF100-30

**SPECIAL Buy 3 Get 1 FREE!**

**Only \$105<sup>00</sup>**



Standard, (**Purple**) curved tip for heavy calculus removal.

All power ranges.

25K BB-IF10-25

30K BB-IF10-30

**SPECIAL Buy 3 Get 1 FREE!**

**Only \$105<sup>00</sup>**



Triple Bend, (**Orange**) for heavy calculus. The most aggressive tip, removes the most amount of calculus in the least amount of time.

Designed for above the gum line heavy scaling or with the flap cut open in perio procedures. All power ranges

25K BB-IF1000-25

30K BB-IF1000-30

**SPECIAL Buy 3 Get 1 FREE!**

**Only \$105<sup>00</sup>**



"Original" external spray, for general scaling.

High to Med power range.

25K BB-P10-25

30K BB-P10-30

**SPECIAL Buy 3 Get 1 FREE!**

**Only \$105<sup>00</sup>**



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

25K BB-P1000-25

30K BB-P1000-30

**SPECIAL Buy 3 Get 1 FREE!**

**Only \$105<sup>00</sup>**

# Lil' BEAVER *Deluxe*

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## MAGNETOSTRICTIVE Ultrasonic Scaling Unit -

### FEATURES:

- Full digital TOUCH power control with modern "back lit" display panel - for precise control and an ultra-modern-high-tech look.
- NEW! Removable, office replaceable handpiece cable with ERROR indicator light! It tells you if the cable is damaged so it can be replaced in-office with out a service call!
- Accepts both 25K (long) and 30K (short) ultrasonic inserts - no adapter or switch, unit automatically adjusts to accommodate any style, brand or frequency.
- New "RINSE" feature stops the tip vibration allowing only water - quick and easy rinse of the patients oral cavity or used to flush water through the unit when cleaning water lines.
- Additional power-lock feature locks touch pad controls in place so they remain set to your preferred setting.
- Convenient front-mounted water control with large easy-to-adjust dial - easy adjustment even with gloves.
- Added internal water regulator for more precise, consistent water control and adjustment.
- Turbo boost, 2 position foot pedal - press lightly for regular dial power, press firmly for TURBO!  
*Heavy calculus watch out!*
- All aluminum housing for improved durability. No more plastic to stain, crack or break



## Lil' Beaver Deluxe

### Complete Kit Includes:

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

Item # SC-DL001

Sug. Retail  
**\$975<sup>00</sup>**

Buy a  
Lil' Beaver  
Deluxe Get 2  
Inserts FREE!

### Packed with features!

Our most advanced scaler available. Compare to units at double the cost. A great high-tech addition to any office.

 <p>Works with all your inserts! <i>Any brand, any manufacturer, 25K or 30K!</i></p>	<p>Removable Handpiece Sheath</p>  <p>Replacements / Extras SC-050 .....\$ 35.00 ea</p>	 <p>2 position - Turbo boost foot pedal SC-150 .....\$ 110.00 ea</p>	<p>Digital touch control</p> 
 <p>Removable, replaceable handpiece cable. Allows for in-office replacement of broken handpiece cable.</p>	 <p>Error indicator - tells you if the handpiece line is disconnected or damaged.</p>	 <p>RINSE feature! No vibration only water.</p>	 <p>PURGE feature flushes the water without activating the foot pedal to facilitate water line flushing.</p>

# BEAVER *Elite* 2.0

## MAGNETOSTRICTIVE Ultrasonic Scaling Unit

- With self contained dual water bottle

### Beaver Elite 2.0

Includes: Unit, Bottles (2), Foot Control, Handpiece, Cable, Power Cord, 1 year warranty.

SC-100 \$ 1,190.00

Compare & SAVE!  
Only **\$1,190<sup>00</sup>**  
Sug. Retail

**Buy a Beaver Elite Get 2 Inserts FREE!**

Scan for Web Info!



Improved Water Pump Design.



Dripless bottle stopper and flip-top lids make refilling water a snap!



Dual Bottle System w/switch!

## FEATURES:

- Full digital TOUCH power control with modern "back lit" display panel - for precise control and an ultra-modern-high-tech look.
- NEW! Removable, office replaceable handpiece cable with ERROR indicator light! It tells you if the cable is damaged so it can be replaced in-office without a service call!
- Accepts both 25K (long) and 30K (short) ultrasonic inserts - no adapter or switch, unit automatically adjusts to accommodate any style, brand or frequency.
- New "FLUSH" feature stops the tip vibration allowing only water - quick and easy rinse of the patients oral cavity or used to flush water through the unit when cleaning water lines.
- Additional power-lock feature locks touch pad controls in place so they remain set to your preferred setting.
- Convenient front-mounted water control with large easy-to-adjust dial - easy adjustment even with gloves.
- Added internal water regulator for more precise, consistent water control and adjustment.
- Turbo boost, 2 position foot pedal - press lightly for regular dial power, press firmly for TURBO! *Heavy calculus watch out!*
- All aluminum housing for improved durability. No more plastic to stain, crack or break.
- Redesigned long lasting water pump, does not require a water source completely self-contained.
- Easily refill bottles! Bottles remove easily or snap the lid off and refill on the unit.
- On-board-switch allows operator to switch between bottles - place water in one and irrigate in the other for perio therapy!

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



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



# Deluxe Piezo Scaler

Satelec or EMS Style! Use your existing tips!



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



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

## 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.

1 Year Warranty.

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

**\$ 1,050.00 ea**

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

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

**\$ 900.00 ea**

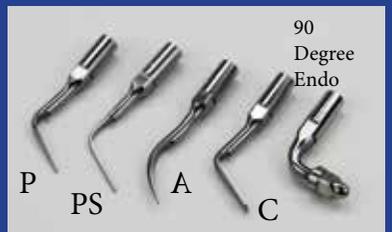
- EMS Type Handpiece ..... PT-PP500E
- Satelec Type Handpiece ..... PT-PP500S



*Note: Scaling tips do not interchange from EMS to Satelec! Putting EMS tips on Satelec or vice-versa will damage your handpiece*

### 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.



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



**PIEZO**  
Technologies

## 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 **\$ 650.00 ea**  
 EMS Type, LED (with light) Handpiece..... PT-PL300E  
 Satelec Type, LED (with Light) Handpiece ..... PT-PL300S

Desk-Top, Scaler Kit, Non-Led No Light **\$ 550.00 ea**  
 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 **\$ 850.00 Kit**  
 EMS Type Handpiece Type ..... PT-BIL-E  
 Satelec Type Handpiece Type..... PT-BIL-S

Non-Optic Scaler Set **\$ 700.00 Kit**  
 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!**

PIEZO Technologies



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## General Scaling Tips!

## Tips for Endodontics!

**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



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



**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

**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



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



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

## Featured Item!

**TOP SELLER**

**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



## Periodontic Tips!

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



**TOP SELLER**

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



**TOP SELLER**



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

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



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

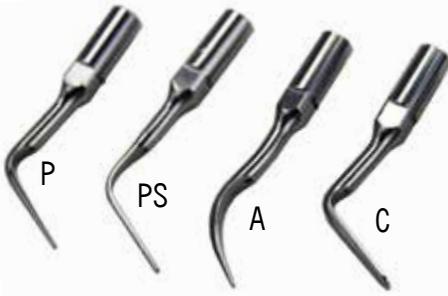


**P2L (left crv) \$60<sup>00</sup>**  
 EMS Type ..... 11-P2L  
 Satelec/NSK ..... 11-P2L-S

## 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.

### EMS Type



Units do not retrofit from non LED.

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

Units do not retrofit from non LED.



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

## Handpiece Tubings Ends



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



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



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

Curette Type	Vector	Periodo	Vector
# 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

Only \$60.00

Contact Your Dental Dealer To Place an Order 29

*Introducing*

# - The Worlds Most Advanced Curing Light!

Every once in awhile a product like the Quazar light comes along. Finally, one curing light to cure everything in every way possible. This curing light cures from the 385 to 515 nm range, with peak curing at 405/440/465 nm and up to 3,000 mW/cm<sup>2</sup>. Machined out of a solid block of billet aluminum, unique ergonomic design will not roll off counters or trays. Unit also has a built in Plaque detection mode and included filter. See the amazing range this light can cure below. Head rotates 180 degrees for easy access and controls are super easy to use. Battery is easily replaceable in office. If you like the Valo, but want a light with more features at half the price! Quazar is your new light!

Compare to  
**VALO!**



**Swivel head design**  
(180 degrees rotating swivel head)

**Shoot button**  
(Curing light on/off)

**Ready button**  
(Plaque light on/off)



**Glass window**  
(Chemical resistant/durable glass)

**Mode button**  
(13 Curing modes selection)



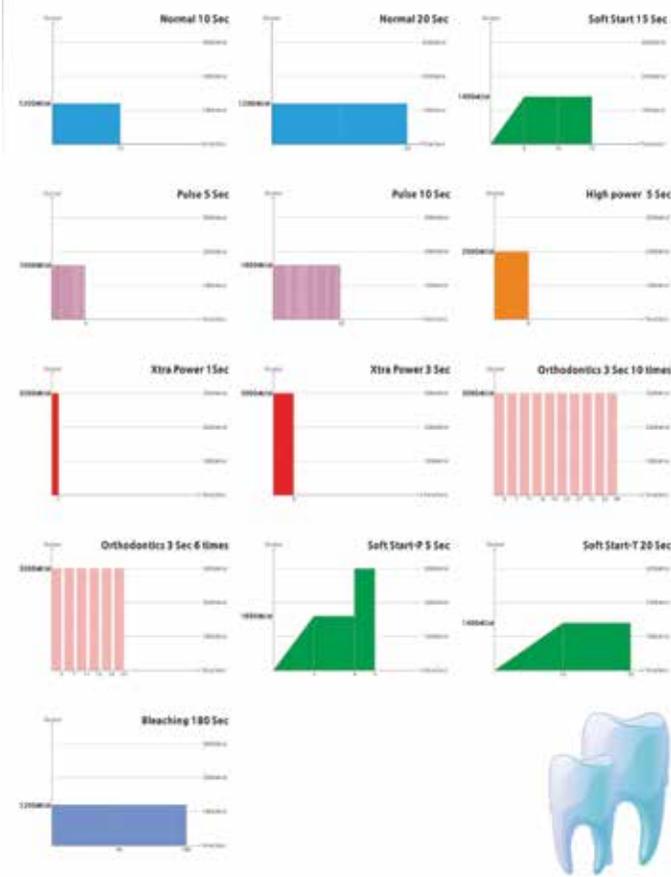
**Charging system**  
(Display the charging status with different color)

Compare:  
 \* Price!  
 \* Quality!  
 \* Performance!  
 to the VALO by Ultradent!

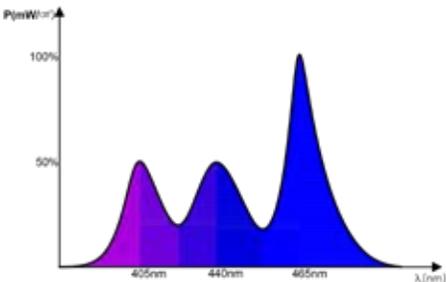
**Only**  
**\$975<sup>00</sup>**



13 Programmable  
 Curing Modes!



Full Spectrum Broadband Curing  
 Cures any and all composites, cements  
 and bonding agents - FAST!



Plaque Detection Mode  
 with filter paddle!



## Vector Quazar Curing Light

Includes: Light, Charging Base, Power Adapter, Light Shield, Plaque Detection Paddle, Hygiene Shield Pack.

V1-CL ..... Sug. Retail **\$ 975.00**  
 1 year warranty

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

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

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## 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>**



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

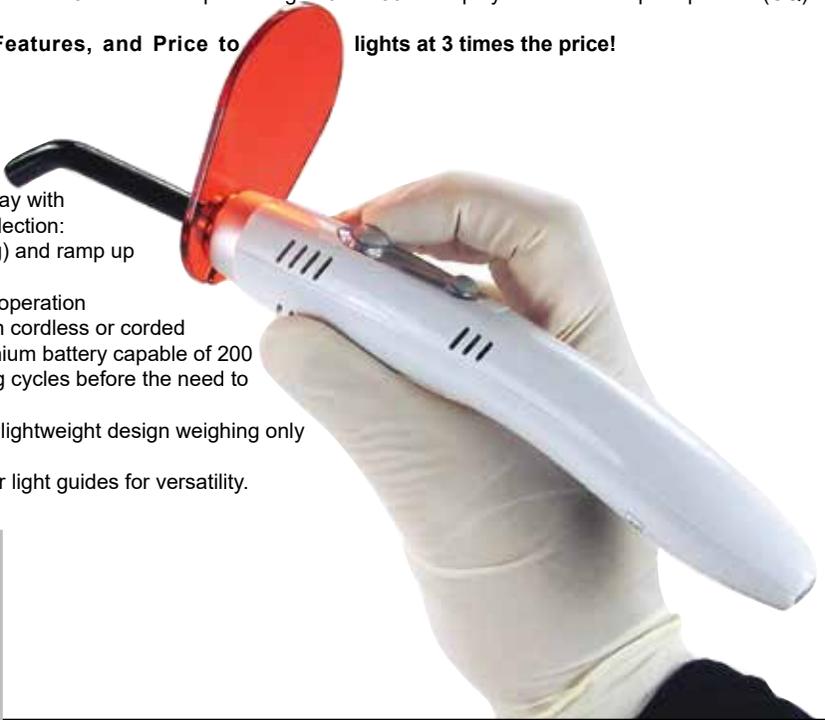


## Economy, Cordless LED - Curing Light

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!**

- 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.



### VECTOR LED-P Pen

Complete Kit Includes: Curing Light, 8mm Light Guide, Light Shield, Charging Base and Power Transformer. 1 year warranty.

Item # LED-P

Sug. Retail \$ 500.00

**Only**  
**\$395<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



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!

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

Now with LED  
Lighted Motor and  
Fiberoptic Angle

Only  
**\$2,695<sup>00</sup>**

Full function  
variable speed  
foot pedal!



20:1 Optic  
Handpiece!

## 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
- Surgical & Implant settings!
- 1) Adjustable pre-programmed gear ratio:  
20:1, 27:1, 32:1, 1:1, 1:2, 16:1
- 2) Adjustable irrigant water flow control
- 3) Forward / reverse adjustment
- 4) Light on / off
- 5) Program setting/save mode



### Adjustable

- Speed
- Torque
- Program selection
- Water Flow
- LED Light on/off

20:1 Angle  
Speed Range 2,000 - 10rpm  
70nm - 5nm

### 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-ISE.....	Reg. \$3,200 <sup>00</sup>	Special <b>\$2,695<sup>00</sup></b>
20:1 Optic Implant Contra Angle VM201L .....	Reg. \$950 <sup>00</sup>	Special <b>\$695<sup>00</sup></b>
Implant Tubing Set MT-ISE-TB.....	Reg. \$100 <sup>00</sup>	Special <b>\$70<sup>00</sup></b>



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



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.

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

VM201L ..... Reg. \$ 950.00  
Special ..... **\$695<sup>00</sup>**

**Only \$695<sup>00</sup>**

**Non-OPTIC Style - will work on optic motors - A Great low-cost back-up!**



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.

Compare to NSK SG20A  
MT-20PDX..... Reg. \$ 650.00  
Special ..... **\$495<sup>00</sup>**

**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



Deluxe straight handpiece with External Spray Irrigation. 1:1 gear transmission (no increase). External spray tube attachment for surgical systems. Internal water for electric highspeed systems. For standard length straight handpiece burs 2.35 mm. Available in optic or non-optic versions.

Compare to NSK SG65L, SG65  
Non-Optic VM10-SG ..... Reg. \$ 650.00  
Special ..... **\$400<sup>00</sup>**

Optic VM10L-SG..... Reg. \$ 850.00  
Special ..... **\$540<sup>00</sup>**  
Note: Optic angles will not fit on non-optic motors



Deluxe surgical style straight handpiece with External Spray Irrigation. 1:1 gear transmission (no increase). External spray tube attachment for surgical systems. For standard surgical length straight handpiece burs 2.35 mm x 65/70 mm.

Compare to NSK SGS-ES  
MD Technologies 1:1 straight nosecone surgical for #3 Shank  
Non-Optic MT-211 ..... Reg. \$ 1,250.00  
Special ..... **\$900<sup>00</sup>**

Note: Will fit both fiberoptic and non-optic motors.

**Tubing Sets for Previous Model MD-Tech Systems**



Implant Tubing Set, Includes:  
Tubing, plunger, stopper, handpiece clips  
MT-IOIT ..... Special **\$12.00**  
Package of 10 sets  
MT-IOIT10P ..... Special **\$100.00**

MD-Tech and Saeshin X-Cube  
MT-004 \$ 25.00  
Irrigation tubing set

# 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

# BLACKMAX - ZR

*The most advanced and versatile laboratory handpiece system!*

One-product solution for any material - Both a 50,000 rpm lab motor and a 150,000rpm zirconia-specialized highspeed motor, accessible through a single controller. Eliminate the need for an air turbine highsPEEDS or air control unit to your lab.

**50,000 rpm Brushless Lab System (Control Base):** Feature a smooth, powerful, durable electric lab handpiece that accepts all standard lab burs and mandrels. Forward / Reverse control box with manual speed control plus a variable speed foot pedal creates the base of the system. Upgrade and add the Zirconia-Highspeed module to this system for a complete lab and Zirconia trimming system!

**Zirconia Module:** Powerful high-torque, high-speed (150,000) electric motor provides outstanding efficiency in processing zirconia ceramic. Eliminate air driven lower torque highsPEEDS or expensive electric angles designed for operator use.

- **High-tech brushless motor** Vector's cutting-edge brushless motor technology minimizes vibration while maintaining the power of the electric motor handpiece.
- **Direct water spray function** - The piece comes with an internal water tank and allows for direct supply (Compressed air required)
- **Dual-function: Wet & Dry** - The water spray on/off feature enables both wet and dry method.
- **Spray & LED light** - The LED feature provides plenty of visible light and water spray reduces heat to prevent cracks.



## BlackMAX-ZR Complete System

Includes: 50,000rpm brushless motor, control box, variable speed foot pedal; 150,000rpm Brushless motor, Water/air Control Box and connections.

Complete Zirconia Trimming Kit!

BL-500ZR .....Reg Price \$ 1,825.00

Special Set Price **\$ 1,695<sup>00</sup>**



CONTROLLER
Model: ML-A100
Power Supply voltage: 100-120 / 220-240 V
Frequency: 50/60Hz
Power Consumption: 80VA
Fuse: 250V - 12.0Ah
Weight: 3.65kg
Dimension: 115mm(W) x 210mm(H) x 370mm(D)

High-speed handpiece
Model: Zirconia trimming handpiece
Type: Brushless
Max.Speed: 150,000 RPM
Max.Torque: 4.0 N.m
Dimension: (825 x 101mm(L))
Bar: P2 bur (1.6mm)
Optic: Yes
Internal water spray: Yes

Low-speed handpiece
Model: BL-500C
Type: Brushless
Max.Speed: 50,000 RPM
Max.Torque: 7.5 N.m
Weight: 190g
Dimension: (225 x 158mm(L))
Bar: P102(2.25mm)

FOOT PEDAL
Model: FD-60
Function: Motor Operation controller
Class of protection: IPX1

Purchase Separately:



**BlackMAX-ZR Electric Lab Motor**  
50,000rpm Brushless motor, Control Box and Foot Control.

BL-500 ..... **\$ 850.00**



**BlackMAX-ZR Electric HS Motor**  
150,000rpm Brushless motor,  
Water/air Control Box  
and connections.

BL-500ZR-MOD **\$ 975.00**

note: base control is required for functionality

# 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. Medium head-design provides good visibility to the surgical area. Vector engineering and design produces 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



**Connects To KaVo**

### Original ECO 45 Accessories

-  Replacement Turbine # TNCS \$175<sup>00</sup>
-  Push Button Back Cap # E-45-BC \$25<sup>00</sup>
-  Swivel # VNQD \$80<sup>00</sup>
-  Swivel Oring Kit # E-QD-OR \$8<sup>00</sup>

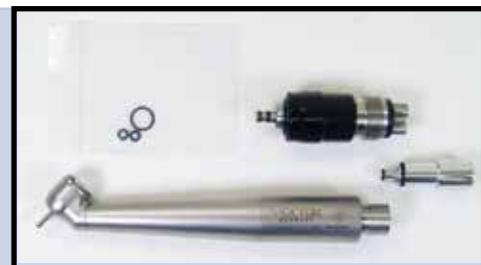
## Vector ECO 45 - For 4 Hole Connections

- NEW Turbine Design - Excellent torque and cutting efficiency!
- Improved bur holding power!
- Direct replacement for NSK CH45 style high-speeds!
- NEW triple port water spray
- No chip air into the surgical area!



*New Design with 3 port water spray and new higher torque turbine!*

**4 hole Swivel Connector Included!**



**Vector ECO 45** High-performance air-driven 45 degree, no-chip-air, highspeed handpiece. Improved higher torque turbine and new triple port water spray! With quick connect swivel connection included, connects to 4 hole non-optic tubings.

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

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

MD Technologies - By BIOLIGHT

Full Function Patient Monitor - Includes: Q3 Monitor, Printer and end-tidal CO2



Sug. Retail  
MT-200SET  
\$ 5,695.00

- 10" Anti-glare color TFT-LCD Display
- Resolution 800 \*600, 10 levels adjustable
- Ten channel waveforms on the display screen can be upgraded to 12 channel
- Two plug-in slots for dozens of parameters with various modules assembled as demand
- Easy to upgrade and can be shared among various monitors
- SD card socket, effective storage for historical patient data
- Touch-screen and knob of ergonomic design make it easy to operate
- Backlit buttons make it convenient to operate at night
- Size: 318mm x 264mm x 152mm
- Weight: 4.5kg
- Power Voltage: AC 100-240Volt
- Safety Class: Category 1
- Battery: Rechargeable Lithium Battery
- Operating Time: >210 minutes under normal conditions
- Alarm: Level - low, medium, high
- Alarm Indications: auditory and visual
- NIBP Measurement Reviewing: 1000 groups
- ARR Event: 128 groups
- Full Disclosure Waveform: 96 for three waveforms (with 4G SD card)

## 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.

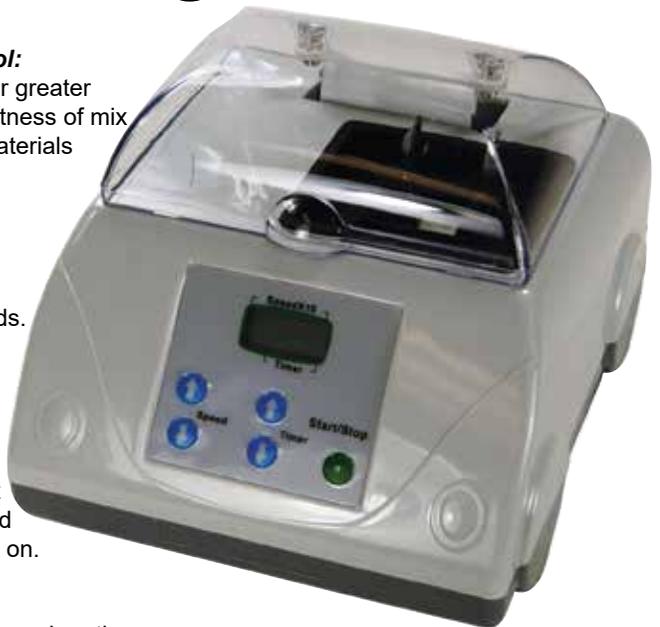
Auto stop at desired time with digital countdown timer.

**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**

# VECTOR

## VORTEX *Dry Vac System*

Introducing the Vector Vortex Vacuum System - THE! Superior Dry Vac System!

Features:

- Variable Power Drive Technology: Powers-up and Powers-down instantly on-demand to maximize suction while reducing electricity cost.
- Full 2.3HP motor(motors) - base model unit will power 7 simultaneous users.
- Stainless Steel Tank! Welded and powder coated - prevents rust and provides increased strength and durability.
- Built-in Check Valve on each unit.
- No Oil! Maintenance-free-no-oil system. No routine maintenance.
- No Water - save on water and sewer cost, while saving the environment.
- Very Quiet operation only 62 Decibels.

**Your source  
for SCARY  
suction!**

*No Water  
No Oil  
No Worries*



Warranty:

3 Year Motor Warranty

5 Year Impellar and Electronics Warranty

10 Year Tank Warranty

*Compare! Save Thousands! Nobody provides more power for less!*

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

# MONSTER SUCTION

- Adjustable/Programmable Power
- 220V - 20 AMP, 2.3 HP Motor
- No Maintenance - Lube-Free
- Easily Expand with Just a Simple Adjustment up to 7 Users (single head)
- Add power head for dual reliability or additional capacity. (12-15 user)
- Unit Auto Senses Increased Flow and Increases Power to when you need it, and saving you money when you don't
- Single Stack Tank for ultimate Space Saving
- Dual Stack System also Available with 15 or 30 Gallon Tank (up to 7 and 17 Users Respectively)

## The Brute!

### Single 2 HP

1 - 2.3 HP Power Head  
1 - 15 Gallon Tank

#### Specifications:

Users ..... 1-7  
CFM @ 8HG..... 45  
Noise ..... 62 DB  
Dimensions..... 24W x 18D x 45H  
Requirements .... 1 - 208/230 Volt (7 Amp) 20 amp  
(VV-115)..... **\$ 8,250.00**



## The Ogre!

### Dual 2 HP W Small Tank

2 - 2.3 HP Power Head  
1 - 15 Gallon Tank

#### Specifications:

Users ..... 5-12  
CFM @ 8HG..... 90  
Noise ..... 62 DB  
Dimensions..... 24W x 18D x 65H  
Requirements .... 2 - 208/230 Volt (7 Amp)  
20 amp  
(VV-215) ..... **\$ 15,750.00**

### Dual 2 HP W 30 Gallon Tank

2 - 2.3 HP Power Head  
1 - 30 Gallon Tank

#### Specifications:

Users ..... 7-15  
CFM @ 8HG..... 90  
Noise ..... 62 DB  
Dimensions  
48W x 18D x 52H  
Requirements  
2 - 208/230 Volt  
(7 Amp) 20 amp  
(VV-230)  
**\$ 17,000.00**

## The Beast!



# Vector Vortex - Oil-less, Dry Air, Stackable, Durable!

Top of the line Stainless Steel Fittings and Braided Hoses

Stackable Frame Design

High Flow Air Dryer

Quiet Operation

Moisture Indicator

Simple Control Panel No Computer to Fail or Needlessly Overheat

Sound Insulating Rubber Feet

Quick Change Capacitors

5 Minute Head Change

Easy Check Filter Gage

Triple Filter Plus Air Dryer

Double Thick Stainless Steel Tank with 15 year Warranty

# VECTOR VORTEX

## POWERFULL Stackable Air Compressors

Designed by Dental Technicians for EZ Service

- ⊗ Stainless Steel Tank Powder Coated
- ⊗ Limited Warranty: 7-Year (tank), 5 year or 3,000 hr (heads), 2 year (electronic comp.)
- ⊗ Air Dryer, Triple Filter System for Clean Dry Air
- ⊗ Long Life Filter System – Easy to Change
- ⊗ Our product is designed with simplicity in mind. We have eliminated unnecessary sensors and controls, ensuring you have the most reliable and user-friendly experience.
- ⊗ Super Quiet Operation
- ⊗ 5 Minute Head Change
- ⊗ Teflon Coated Piston and Cylinders
- ⊗ Stackable – Add to Our Easy Stack System if you Expand or Stack our Vacuum for a Compact Mechanical Room
- ⊗ Available in Dual and Triple Heads

### Dual 1 HP DA3U21



### Dual 1 HP (VSP2) Model # DA3U21

3-4 User  
2 - 1hp Head  
W29 x D20.5 x H33.5  
4.95 CFM @ 72.5 psi  
refresh < 210s  
Tank Size = 13.2 gallon

**\$ 5,900.00**

### Dual 2 HP DA7U22



### Dual 2 HP (VSP4) Model # DA7U22

6-8 User  
2 - 2hp Head  
W29 x D20.5 x H35.19  
9.9 CFM @ 72.5 psi  
refresh < 130s  
Tank Size = 19.8 gallon

**\$ 8,900.00**

### Triple 2 HP DA10U32



### Triple 2 HP (VSP6) Model # DA10U32

10-12 User  
3 - 2hp Head  
W42.7 x D20.9 x H34.8  
14.85 CFM @ 72.5 psi  
refresh < 105s  
Tank Size = 29 gallon

**\$ 11,900.00**

.5KVA Buck Boost Transformer  
Convert 208vac to 220vac, easy plug in plug out prewired -  
no electrician needed.  
VV-BB05KVA ..... \$ 950.00



## MaxRay RAY68

Wall Mount 70 Kvp X-Ray

- Powerful - 70 Kvp
- Safe - Low Dose Tech
- Flexible - 4 trigger choices

Compare!  
Sug. Retail  
**\$3,800<sup>00</sup>**  
Dealer Prices Vary



The Vector MaxRay Intraoral X-Ray is here!  
With all the quality you have come to expect from Vector  
X-Rays, now in stationary 70kV.

- **LOW DOSE TECH.** Very low leakage radiation rate (close to 0 at 1meter from focus), tube head filter is made of 1.5mm aluminum to filter ineffective X-rays. These features reduce noneffective radiation improving the health of patients and clinicians. X-ray leakage is lower than national standards by 68 times, (prescribed body safety value of 0.5mGy / h is lower (0-0.007mGy/h)).
- **PRECISE TIME CONTROL** Microprocessor control board precisely controls the exposure time accurate to 1/100 second.
- **ULTRA STABLE ARM** The French imported balance arm provides flexible and stable positioning. Horizontal Arm made from aluminum alloy for light weight stability.
- **PARALLEL FOCUS** Provides super clear image captures with almost no radiation leakage, it's safe to operate: the tiny X-ray source and the ball sleeve is tightly sealed reducing scatter and leakage.



**MAXRAY**  
MOBILE X-RAY SYSTEMS



**IRIDIUM DENTAL**

**THE INNOVATION LEADER IN X-RAYS**



Easy to Use Intuitive Control!  
Programmable with memory.

4 TRIGGER CHOICES INCLUDED:

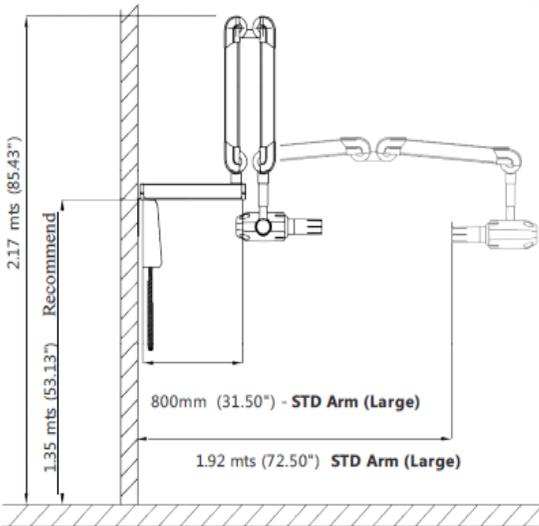
- ON UNIT
- CABLE REMOTE (Included)
- WIRELESS REMOTE (Included)
- DOOR BELL SWITCH (switches not included)



Wired Remote



Programmable wireless remote.



Sold separately 2 stud wall plate.  
Powder Coated Aluminum-White



**Iridium Wall Mount - X-Ray**

Includes: Unit, Wired Remote, Wireless Remote,  
1 year warranty  
IR-RAY68Sug. ....Retail \$ 3,800.00

Optional Accessories  
Aluminum 2 stud wall plate  
IR-RAY01 .....Retail \$ 375.00

THE INNOVATION LEADER IN HAND-HELD X-RAYS

# MaxRay COCOON

- Very light - under 5 pounds
- Powerful - 70 Kvp
- High capacity battery - 500 shots
- Easy to use - innovative display and voice prompts

Compare!  
Sug. Retail  
**\$7,600.00**  
Dealer Prices Vary



**New "On-Target" Feature!**  
Light emits a "+" target from the cone to help in proper positioning!



MaxRay Cocoon	Spec.
KVp.....	70
mA.....	1.7
Focal Spot .....	0.4mm
Filtration .....	2.3mmAl
Volts.....	14
Style.....	Gun Type



Easy 1 handed operation.  
Unit easily mounts to charging dock with one hand.



Innovative display – full function controls. With voice prompting – yes the Cocoon TALKS!



MaxRay Cocoon - Includes: Unit with Internal Battery, Back-up Battery, Charging Cradle, Neck Strap, Power Adapter, Case and Instructions  
Now including "On-Target" technology (BX-7017)



**MAXRAY**  
MOBILE X-RAY SYSTEMS



**IRIDIUM DENTAL**

THE INNOVATION LEADER IN HAND-HELD X-RAYS

Compare!  
Sug. Retail  
**\$5,800.00**  
Dealer Prices Vary

Neck Strap Included!



Back-up Battery



MaxRay ..... Spec.  
KVp ..... 65  
mA ..... 1.7  
Focal Spot ..... 0.4mm  
Filtration ..... 2.3mmAl  
Volts ..... 12-18.0  
Style ..... Camera

Keep your office running!  
Each unit includes 2 batteries!

**AMBIDEXTROUS**



Indicator switch flips the active trigger from right to left hand firing.

**OLED Display**



Large bright easy to read display.

**High-Capacity Battery**



Battery is removable and easily replaceable. 2 year battery warranty! Best Battery in the business!



**MAXRAY**  
MOBILE X-RAY SYSTEMS

MaxRay

- Includes: Unit with Battery, Back-up Battery, Charger, Charging Pad, Neck Strap, Case and Instructions

Black (BX-3000K)  
White (BX-3000W)

**Contact Your Dental Dealer To Place an Order 47**

What sets the MaxRay & MaxRay Cocoon apart from the competition?

Worried about safety? Virtually undetectable backscatter radiation. See the complete independent study on our website.

**Better Technology!**

- Toshiba X-Ray tube -
- Oil cooled Power Tank
- Lithium Polymer Battery

**Better Design / Ergonomics!**

- Light Weight yet fully shielded
- Ambidextrous -left or right hand operation
- Padded Neck Strap - included!
- Choice of: "Camera-Style" or "Gun-Style"

**Better Value!**

- Lower Initial Cost
- Lower cost repairs - service

**Better Warranty / Service!**

- Compare the one time cost of our extended warranty to the yearly cost of our competitors!
- US service and support.

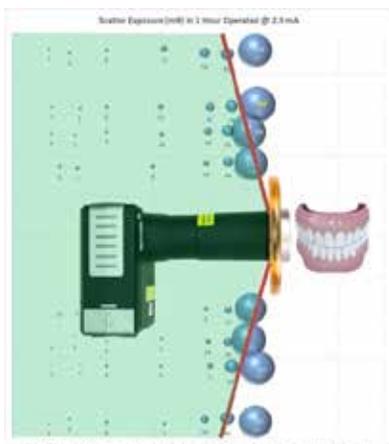


Figure 2b. Size (cm). Bubbles indicate the magnitude of exposure relative to their surface area.

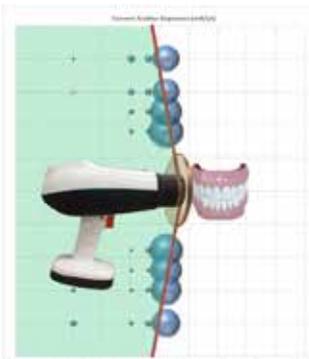


Figure 2c. Size (cm) of the MaxRay unit with its attached to the neck strap. Bubbles indicate the magnitude of exposure relative to their surface area.

**5 Year Extended Warranty Program (\$595.00)**

Provides for a complimentary loaner unit shipped overnight to your office. Unit is repaired free of charge less the graduated deductible. Loaner machine non-warranty cost \$ 200.00 per week + freight.

- Year 1 = no deductible repaired free of charge.
- Year 2 = \$ 100.00 deductible (Charged a maximum of \$ 125.00).
- Year 3 = \$ 150.00 deductible (Charged a maximum of \$ 180.00).
- Year 4 = \$ 250.00 deductible (Charged a maximum of \$ 275.00).
- Year 5 = \$ 300.00 deductible (Charged a maximum of \$ 350.00).

Extended warranty must be purchased within 30 days of receipt of the unit.

## ACCESSORIES

### MOBILE STAND

- Make your hand-held into a mobile X-ray with our new rolling stand with tablet mount. Remote Switch included.
- (DX-P545) 1,850.00



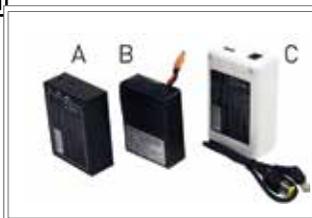
### Remote Switch

8' wired remote exposure  
(DX-P555) 75.00



**AC Adapter**  
For direct connection to 110 volt wall outlet.  
(DX-P525) 375.00

### Battery Replacement



(A) Removable (pre 2018)	(DX-P565)	400.00
(B) Internal (2018-present)	(DX-P570)	400.00
(C) Back Up External	(DX-P150)	400.00
Internal For Cocoon (not shown)	(DX-P715)	450.00



Battery not included

**Battery Charger With Cradle (pre 2018)**  
(DX-P510) (shown) 175.00

Charger Only (transformer & Cord)  
Will work with MaxRay & Cocoon  
(DX-P512) 150.00



5 inch magnetic charging adapter post 2017  
(DX-P575) 40.00