

The Ultimate Implantology and Oral Surgery Sytem!

- Compatible with ALL BRANDS and ALL TYPES of dental implants!
- Full fuction variable speed foot pedal.
- 50,000rpm high-torque handpiece - compare to lower speed 40,000rpm competitors.
- Set includes 32:1 contra angle attachment!



*Full function programable
control box with built-in,
variable speed water pump!*

 **MD Technologies**

By Vector R & D Inc.

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The brains of the operation.....

We have combined

power, programmability and performance

to create the most **versatile** and easy to use

implantology and oral surgery motor system available!



10 Program Memory Function

Set: *Angle Reduction, Speed, Torque, Rotating Direction, and Irrigation Pump Flow* for up to ten memory settings.

Allows for optimal versatility - program the motor for **any brand or style** of dental implant or any placement technique.



Box or foot control!

Simply adjust the modes and hold the memory button until it beeps and the system will remember the setting.



Forward or Reverse

Select on the control box and set rotational direction as a part of the program or select on the foot control. Provides safety, versatility and ultimate control!



Box or foot control!



4 Pre Programmed Gear Settings

1:1 = 600 to 50,000 RPM, 10 Ncm

- Use with a 1:2 nosecone for speeds up to 100,000 rpm!

20:1 = 30 to 2,500 rpm, 5Ncm - 55 Ncm

27:1 = 20 to 1,850 rpm, 5Ncm - 60 Ncm

32:1 = 20 to 1,560 rpm, 5Ncm - 65 Ncm

Automatic overload protection! If the load on the bur exceeds the Torque set, the motor is stopped automatically. Let up then depress the foot control to continue.



Fully Programmable Speed Range

Operating speed and torque is displayed during operation.

Motor speed range up to 50,000rpm. Compare to our competitors 40,000rpm motors - optimal speed for most implant procedures with one angle - drill tap and place without buying multiple angles. (Does depend on the manufacturer's recommended technique)

Combine with a 1:2 speed increasing nosecone and realize "STRYKER" type speeds!



5 Stage irrigation pump

0 = 0 ml/min

1 approximately 45 ml/min

2 approximately 55 ml/min

3 approximately 65 ml/min

4 approximately 75 ml/min

Can be set by program or by foot pedal!



Easy to use and install on-board irrigation pump for sterile water or saline. Provides consistent and predictable on demand water flow.

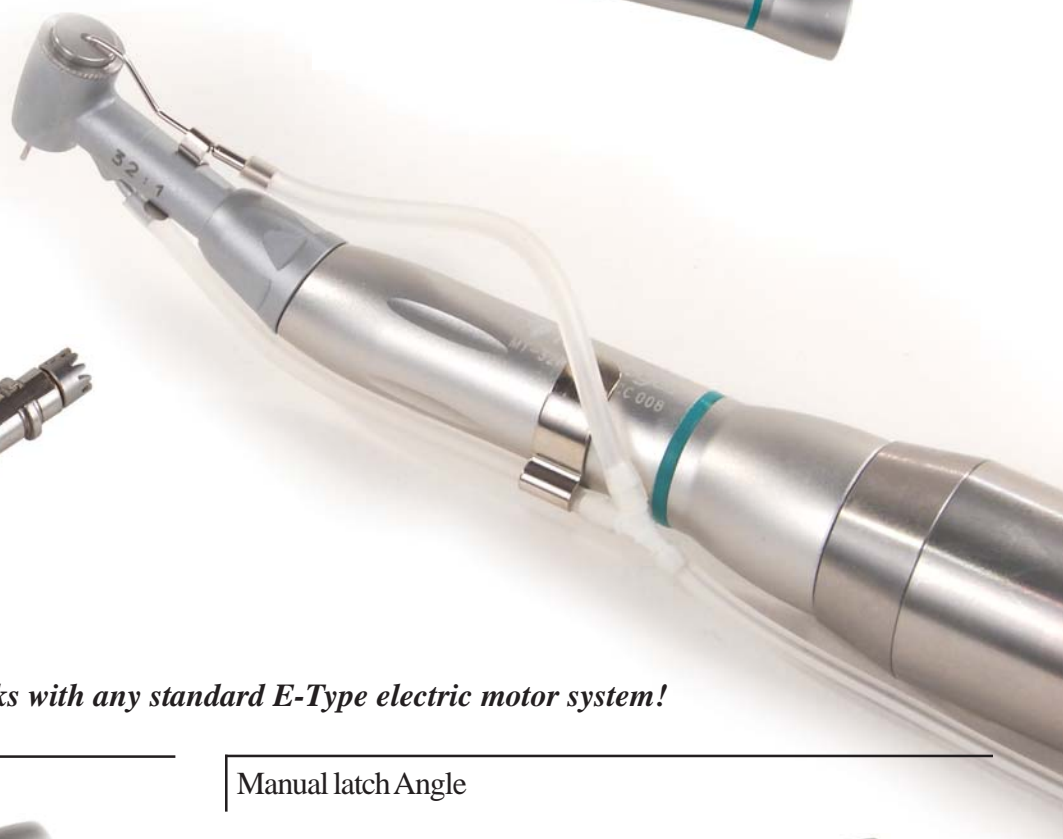
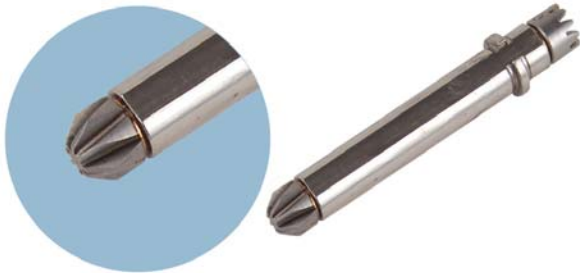
Performance implantology angles

designed for durability and built for performance.

Detachable head and body housing provides access for proper cleaning, maintenance and repair.

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

Special beveled gear head provides smoother performance, more consistent torque, speed, control and durability.



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

Push Button Autochuck Angle



All angles include internal irrigation needle and "Y" connector.

Manual latch Angle



All angles include internal irrigation needle and "Y" connector.

Item #	Description
MT-16P	Implant Handpiece 16:1 Reduction PB Latch Type, Internal/External irrigation <i>Speed range 37.5 to 3,125 rpm</i>

Item #	Description
MT-16M	Implant Handpiece 16:1 Reduction Manual Latch Type, Internal/External irrigation <i>Speed range 37.5 to 3,125 rpm</i>

MT-20P	Implant Handpiece 20:1 Reduction PB Latch Type, Internal/External irrigation <i>Speed range 30 to 2,500 rpm</i>
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MT-20M	Implant Handpiece 20:1 Reduction Manual Latch Type, Internal/External irrigation <i>Speed range 30 to 2,500 rpm</i>
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MT-32P	Implant Handpiece 32:1 Reduction PB Latch Type, Internal/External irrigation <i>Speed range 20 to 1,560 rpm</i>
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MT-32M	Implant Handpiece 32:1 Reduction Manual Latch Type, Internal/External irrigation <i>Speed range 20 to 1,560 rpm</i>
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MT-64P	Implant Handpiece 64:1 Reduction PB Latch Type, Internal/External irrigation <i>Speed range 10 to 800 rpm</i>
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MT-64M	Implant Handpiece 64:1 Reduction Manual Latch Type, Internal/External irrigation <i>Speed range 10 to 800 rpm</i>
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Complete Implant System Package

Includes:







- Full function control box
- Variable speed full function foot pedal
- 50,000 RPM High Power Handpiece
- Tubing Set
- Tubing Clips
- 32:1 Push Button Contra Angle

Super Value Package Price

*Complete Starter Package
Everything you need but the implants!*



Complete line up of accessories are available:

 <p>MT-003-M Internal irrigation needle for manual latch angles</p>	 <p>MT-006 Irrigation tube holder (package of 10)</p>
 <p>MT-003 Internal irrigation needle for push button auto-latch angles</p>	 <p>MT-005 Irrigation "Y" connector</p>
 <p>MT-007-M Stainless Steel irrigation tube clamp</p>	 <p>MT-004 Irrigation tubing set</p>



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