



EXCELSIOR

DELUXE HIGH SPEED VETERINARY DENTAL AIR UNIT



- 360,000 RPM High Speed Drill
- 20,000 RPM Low Speed H.P.
- Built-in 25K Ultrasonic Scaler
- Auto-tune circuitry
- Electrosurgery Handpiece
- Powerful Suction Handpiece
- Automatic handpiece activators
- 3-Way Air / Water Syringe
- Maintenance free compressor
- Adjustable height mobil stand
- Built in water reservoir
- Switching power supply
- Single footswitch operation
- Automatic H.P. Activators
- Lifetime loaner Service
- Proudly Made in the USA



**Proudly made
in the U.S.A.**

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Deluxe Engler High Speed Veterinary Dental Air Unit

Engler Excelsior Deluxe High Speed Veterinary Dental Air Unit

Engler Engineering Corporation is pleased to introduce the Excelsior Deluxe High Speed Veterinary Dental Air Unit. We have incorporated state of the art microchip circuitry into a new highly efficient all-in-one unit. You can perform surgery with the electrosurge, easily alternate from scaling to polishing to drilling. The ultrasonic scaler maintains optimum frequency when pressure is applied to the heat treated, flow-through tip by constantly scanning and compensating, using digital micro technology, which eliminates even partial loss of power. You can perform curettage, deep scaling of heavy calculus, remove stains and conclude the prophylaxis treatment by polishing the teeth using the same unit.

The high speed handpiece is used for cutting, drilling, sectioning, and many other procedures. The low speed is used for polishing to complete the dental prophylaxis.

Another Engler exclusive. We are the only company to produce a high-speed dental delivery system that incorporates an electro surgery unit. Electro surgery allows the practitioner the ability to coagulate and make precise cuts with limited blood loss, which promotes faster healing, reduced swelling, and less patient discomfort. Easy to use, one button control.

The **EXCELSIOR DELUXE** High Speed Veterinary Dental Air Unit features:

18K, 25K or Piezo Scaler: includes 4 tips/stack (18K) 2 inserts (25K), 2 tips (Piezo) computer controlled digital auto tuned circuit, insert anti pop-out feature (18 & 25K)*

Independent water control for high speed, low speed and scaler

Autoclavable High Speed Fiber Optic Handpiece: 360,000 RPM variable speed, fiber optic handpiece (optional).

Autoclavable Low speed Polishing Handpiece: up to 20,000 RPM, variable speed, includes 1:1 Autoclavable straight handpiece, prophyl angle for snap on rubber cups, complete prophyl starter kit

Automatic handpiece activators,

Powerful Suction: Accepts Stainless Steel Autoclavable tip or disposable tip

General Purpose Electrosurge: includes 4 assorted electrode tips

3 Way Air / Water Syringe, (air, water or mist)

Use built in 2-liter water supply, external water supply (pump bottle or filtered municipal water source) or both

100-240 Universal Switching Power Supply, will work with any voltage anywhere in the world

1 year warranty on control unit, lifetime loaner service

Control unit removes easily for repair / replacement / loaner

On demand Compressor; 100% oil less operation, Maintenance free, Horsepower .88, Pressure switch with on / off switch, Free air delivery 3.68 SCFM, A/C single phase, Voltage 115-50/60.

Optional Features; Sonus scaler (18K), Piezo Scaler with autoclavable handpiece, Wall mount, wall mount with extended arm, external 1-gallon pump water bottle.

Optional Polisher Accessories; Reduction handpiece (E-Type), Friction grip and Latch type contra angles for straight handpiece, diamond and carbide burs (1.6 mm shank) diamond cutting disc with mandrel (2.35 mm)

The Excelsior also includes; Quick disconnect air line, manual drain, Pressure gauge, ASME pressure safety valve, Adjustable height stand, One foot control operates all handpieces, vacuum is manually operated via lever located on the handpiece, Operators manual

Dimensions / Shipping;

Control box dimensions; 13.5" X 18.5" X 4" / Stand dimensions; 18.5" X 17"

Height (telescopic) 26" – 36"

Net weight lbs.; 75 lbs

Shipping weight lbs; 90 lbs

Shipping box dimensions ; 24" cube

*Anti Pop-out feature prevents the ultrasonic insert from accidental pop out due to excessive water pressure.



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