All-in-one veterinarian dental unit

CUTTING
POLISHING
SCALING

The DRE Teres V-400 high speed veterinary dental air unit has incorporated state of the art microchip circuitry into a new highly efficient all-in-one unit. You can easily switch from polishing to scaling to cutting.

The built-in 25K ultrasonic scaler is equipped with autotuned oscillation that maintains optimum frequency, when pressure is applied to the tip, by constantly scanning and compensating, eliminating even partial loss of power. In addition, you can perform curettage, deep scaling of heavy calculus, remove stains and conclude the preventive treatment by polishing the teeth all in one operation.

The surgical stainless steel, heat treated tips glide smoothly across the tooth surface. Water flows internally through the tip directly to the operative site, gently cooling and lubricating the tooth, thus washing away the dislodged debris.

At the touch of the foot control, the chevron shaped ultrasonic insert surges power to the tip instantly without stalling. The scaler's delayed cavitation feature disperses the excess water into a fine mist even after the foot control is released, thereby eliminating the annoying "after drip".

The high speed handpiece (available with a fiber optic system), air and water-driven, can be used for cutting and extracting teeth. Use the handpiece to cut sections of the tooth before extracting. The slow speed handpiece, air-driven, is used in conjunction with prophy paste for polishing.

▶ A Quick Look

- 400,000 RPM high speed drill
- 20,000 RPM low speed H.P.
- Built in 25K ultrasonic scaler
- Auto-tune circuitry
- Air water syringe
- Includes oil-less compressor
- H-Frame mobile stand
- Independent water controls
- Built in water reservoir
- Switching power supply
- Automatic handpiece activators
- Optional: Fiber Optics System with high speed handpiece

DRE Teres V-400 High Speed Veterinary Dental Air Unit comes equipped with:

Ultrasonic Scaler
- 25 Khz Scaler handpiece
- 25 Khz Ultrasonic insert in the handpiece
- Foot control for both ultrasonic scaling and air driven drilling and polishing.

Polisher / Drilling
- 400,000 RPM high speed air turbine handpiece.
- Starter kit with 10 rubber cups and 10 prophy paste cups
- Up to 20,000 RPM low speed handpiece.
- Prophy angle for snap on rubber cups (autoclavable)
- 1: 1 Straight handpiece (autoclavable)
- Set of burs (autoclavable)
- Instruction manual

Compressed Air System
- 100% Oilless Operation
- Free Air Delivery - 2.00 SCFM
- Motor Power - 0.3 HP
- Noise level - 45 dB
- Unloading Capability
- Air Tank Capacity 2.00 gallons
- Type - AC Single Phase
- Description 115-50/60-1

Fitted with: Pressure switch, manual drain, globe valve, ASME pressure safety valve, built in water tank

Optional Polisher Accessories
- Reduction Handpieces (E-Type)
- Friction Grip and Latch Type Contra Angles for straight handpiece
- Diamond and Carbide burs (1.6 mm)
- Diamond Cutting Disc with mandrel (2.35 mm)

Technical Data
- Dimensions of control box - 11.5"W x 14"L x 5.5"H
- Net Weight EHS:
- Net Weight compressor - 42 lbs
- Shipping Weight - 135 lbs

Recommended Maintenance
- Handpieces: to procure life of handpiece, especially if autoclaved, perform maintenance every 8-10 patients
- High-speed handpiece: spray lubricant
- Low-speed handpiece: a drop of oil
- Compressor: drain valve once a week
- Water line: flush once a week, depending on number of procedures to prevent bacteria build-up
- Ultrasonic inserts: autoclave or chemiclave sterilization

Warranty
- One-year: control unit, frame, compressor, low-speed handpiece, straight handpiece, and scaler handpiece
- Six months: High-speed handpiece
- 30 days: prophy angle, tips, burs, and any maintainable accessories
- Lifetime loaner service on controller unit

We recommend that the ultrasonic dental scaler not be used on any patient fitted with a cardiac pacemaker or by any operator fitted with a cardiac pacemaker.