

# Avante Teres V-400

## High Speed Veterinary Dental Air Unit

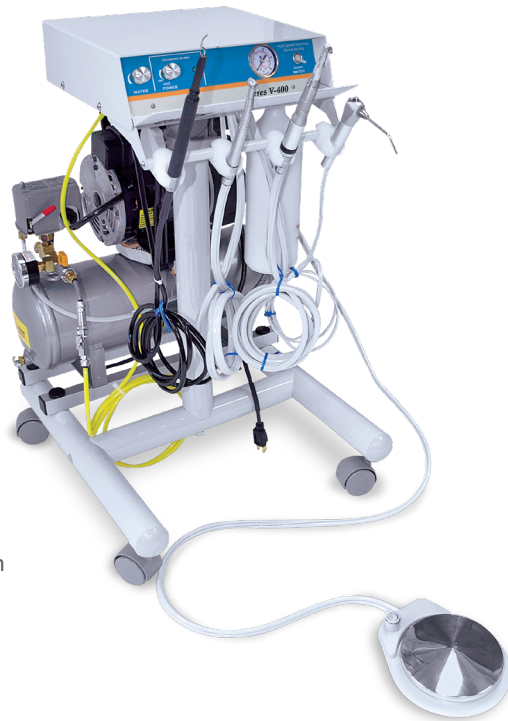
### Performs all necessary procedures from cutting-polishing-scaling

The Avante Teres V-400 high speed veterinary dental 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 dental unit now has an optional Fiber Optics System with the high speed hand-piece.

The built-in 25K ultrasonic scaler is equipped with auto tuned 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.

#### FEATURES

- 400,000 RPM high speed drill
- 20,000 RPM low speed hand-piece
- 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 hand-piece activators
- Optional Fiber Optics System with high speed hand-piece



#### SPECIFICATIONS

##### Ultrasonic Scaler

- 25 Khz Scaler hand-piece
- 25 Khz Ultrasonic insert in the hand-piece

Foot control for both ultrasonic scaling and air-driven drilling and polishing

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

##### Polishing/Drilling

Optional Fiber Optics System with high speed hand-piece

400,000 RPM high speed air turbine hand-piece

Starter kit with 10 rubber cups and 10 prophy paste cups

Up to 20,000 RPM low speed hand-piece

Prophy angle for snap on rubber cups (autoclavable)

1:1 Straight hand-piece (autoclavable)

Set of burs (autoclavable)  
Instruction manual

##### Optional Polisher Accessories

Reduction Hand-pieces (E-Type)

Friction Grip and Latch Type Contra Angles for straight hand-piece

Diamond and Carbide burs (1.6 mm)

Diamond Cutting Disc with mandrel (2.35 mm)

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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 tiny mist even after the foot control is released thereby eliminating the annoying "after drip". Recommended sterilization for the ultrasonic inserts are autoclave and chemiclave.

The high speed hand-piece, air and water-driven, can be used for cutting and extracting teeth. Use the hand-piece to cut sections of the tooth before extracting. The slow speed hand-piece, air-driven, is used in conjunction with prophy paste for polishing.

## SPECIFICATIONS

### 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

### Technical Data

Dimensions of control box:  
11.5" W x 14" L x 5.5" H  
Net weight of compressor:  
42 lbs  
Shipping weight: 135 lbs

### Warranty

1 year: Control unit, frame,  
compressor, low-speed hand-  
piece, straight hand-piece,  
and scaler hand-piece  
6 month: High-speed  
hand-piece  
30 days: Prophy angle,  
tips, burs, any maintainable  
accessories  
Life-time loaner service on  
controller unit  
Made in the U.S.A.