



Quality • Economy • Value • Ultrasonic Scalers and Polishers
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Poli-X



Tri-Mate



Sonus-V



A.D.S. 1000



Son-Mate



Optional Accessories

The Best of Engler - Veterinary

SONUS V™ ULTRASONIC DENTAL SCALER

Our new phase lock loop modular microchip technology places Power, Efficiency and Speed at your fingertips.

You can remove cement and plastic flash with ease, perform curettage, deep scaling of heavy calculus and stains, effortlessly complete the prophylaxis treatment in reduced procedure time.

The Engler Tips - quality proven instruments recognized throughout the world, are available now in 9 (nine) configurations. The surgical stainless steel heat treated tips are true flow through hollow tips, effectively cooling the operative site and flushing away debris. Recommended sterilization is Steam Autoclave and Chemiclave.

Sonus V comes equipped with:

- Scaler Handpiece
- Stack (Transducer) inserted in the Handpiece
- 4 Assorted Tips
- Tip Wrench
- Waterline with inline water filter and male quick disconnect attached
- Foot control
- Instruction Manual

Optionally available: Water bottle, saddle valve and faucet diverter all with female quick disconnect.

Technical Data:

Water input pressure:	30-60 PSI (2-5 Bar)
Power Supply:	110 or 220 VAC 50/60 Hz
Operating Frequency:	18,000 Hz, Autotuned
Dimensions:	Width 7 1/2"; Length 9 1/2"; Height 3 1/4" 19 cm x 24.1 cm x 8.3 cm
Net weight:	8 1/2 Lbs / 3.8 Kg
Shipping weight:	10 Lbs / 4.5 Kg.

We recommend that all Ultrasonic Dental Scalers not be used on patients or by operators fitted with a cardiac pacemaker.

TRI-MATE SCALER, POLISHER AND GENERAL PURPOSE ELECTROSURGERY UNIT (3 UNITS IN ONE)

Tri-Mate is a merger of our Son-Mate™ Scaler Polisher and a general purpose Electrosurgery unit in one control box, giving you the ability to scale, polish, and section teeth, along with cutting and cauterizing using three independent handpieces. The unit is supplied with all the accessories equivalent to the Son-Mate along with four different general electrodes for electrosurgery.

The Electro-surgery section comes complete with 4 general purpose electrodes. These electrodes push-fit into the end of the handpiece. As the unit is fully automated, no grounding plate is necessary, the operator substitutes for the grounding plate and therefore must be in contact with the patient for it to work.

Technical Data:

Input Voltage:	120 or 240 VAC, 50/60 Hz.
Scaler and Polisher specifications are the same as the Son-Mate™.	
Electrosurgery:	Monopolar operation only
Frequency:	1.2 MHz. Approximate
Voltage:	175-400 VAC
Dimensions:	
Chassis:	Width 8 1/4"; Length 12 1/2"; Height 3.10" 21 cm x 32 cm x 8 cm
Net weight:	10 Lbs / 4.5 Kg
Shipping weight:	12 Lbs / 5.5 Kg.

SON-MATE AND POLI-X ACCESSORIES

A number of optional items are available: Friction Grip & Latch type Contra Angles, True Seal and Maintenance Free Prophylaxis Angles, Diamond Cutting Discs, Diamond and Carbide Burs, Prophylaxis Paste in Cups, Jars, Rubber Cups and Lubricant Spray with Nozzle, in 8 oz.

POLI-X™ VARIABLE SPEED DENTAL MICROMOTOR

The high speed and torque of the micromotor is used for cutting, drilling, sectioning, and many other procedures, lower speed for polishing to complete the dental prophylaxis.

Optional available: Reduction Handpieces, Friction Grip and Latch Contra Angles to slide on to micromotor or straight H.P., Diamond and Carbide burs 1.6 mm, Diamond Cutting Disc with mandrel 2.35 mm.

Features:

- 35,000 RPM Micromotor with variable speed, precision balanced for low vibration/low noise. 200 - 35,000 RPM.
- High Torque
- Forward/Reverse switch
- Straight handpiece, user friendly, autoclavable
- Prophylaxis angle for snap on rubber cups, autoclavable
- Starter Kit with 10 rubber cups and 10 prophylaxis paste cups
- Foot control or manual operation switch
- Rubber rest for micromotor
- Instruction manual

Technical Data:

Power supply:	110 or 220 VAC 50/60Hz High impact plastic case - fire retardant
Dimensions:	Width 5"; Length 5 1/4"; Height 2 1/2" 12.7 cm x 13.3 cm x 6.35 cm
Net weight:	2.5 Lbs / 1.1 Kg.
Shipping weight:	4.5 Lbs / 2.1 Kg.

SON-MATE™ SCALER/POLISHER COMBINATION

We have incorporated the State of The Art microchip circuitry on the SON-MATE™, where you alternate from scaling to polishing, PLUS a variety of other operations. You can perform curettage, deep scaling of heavy calculus and stains and conclude the prophylaxis treatment to polish and smooth the teeth all in one operation. Water flows internally through the tip, effectively cooling the operative site and washing away the dislodged debris. Recommended sterilization is Steam Autoclave and Chemiclave.

The high speed and torque of the micromotor can be used for cutting, drilling, sectioning, and many other procedures with available optional accessories. The low speed is used for polishing to complete the dental prophylaxis.

Optional available: Reduction Handpieces, Friction Grip and Latch Contra Angles to slide on to micromotor or straight H.P., Diamond and Carbide burs 1.6 mm, Diamond Cutting Disc with mandrel 2.35 mm.

Son-Mate comes equipped in the Scaling Mode:

- Scaler handpiece
- Stack (Transducer) inserted in the handpiece
- 4 Assorted Tips
- Tip wrench
- Waterline with inline water filter and male quick disconnect attached
- One foot control for both scaling and polishing mode.

Polishing Mode:

- 35,000 RPM Micromotor with variable speed, precision balanced for low vibration/low noise. 200 - 35,000 RPM.
- High Torque
- Forward/Reverse switch
- Straight handpiece, user friendly, autoclavable
- Prophylaxis angle for snap on rubber cups, autoclavable
- Starter Kit with 10 rubber cups and 10 prophylaxis paste cups
- Rubber rest for micromotor
- Instruction Manual

Optionally available: Water bottle, saddle valve and faucet diverter all with female disconnect

Technical Data:

Water input pressure:	30-60 PSI (2-5 Bar)
Power Supply:	110 or 220 VAC 50/60 Hz
Operating Frequency:	18,000 Hz, for scaling mode Autotuned
Dimensions:	Width 7 1/2"; Length 9 1/2"; Height 3 1/4" 19 cm x 24.1 cm x 8.3 cm
Net Weight:	9 3/4 Lbs / 4.4 Kg.
Shipping Weight:	11 Lbs / 4.93 Kg.



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