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## Questions and Answers

# VETROSON® ILLUMINATOR 30K ULTRASONIC SCALER

**1) What is the difference between the New VETROSON® Illuminator 30K Ultrasonic Scaler and your present VETROSON® Millennium 25/30 Ultrasonic Scaler?**

The Illuminator and the Millennium have the same controls and function knobs and work the same way. Both units use the same style inserts (#10, Perio, Peter Emily). The Illuminator handpiece and inserts are built differently. The handpiece transmits light to the end collar of the insert. A durable round autoclavable glass sleeve in the insert transmits the light from the handpiece to the operating field.

**2) Which inserts are provided with the Illuminator?**

Two inserts are provided:

VIS1020 VETROSON® Illuminator #10 30K (green)

VIS1030 VETROSON® Illuminator Perio 30K (orange)

**3) Which inserts should I use and for what condition?**

You will receive 2 inserts with your unit.

- The #10 30K Illuminator insert has been favored for general use above the gums.
- The Perio 30K Illuminator insert must be used from the “Perio” to the “Medium” power level. It is used exclusively under the gums. ***It should not be used*** from the “Medium” to “High” setting.

**4)** Our newest insert, the VIS1040 VETROSON® Peter Emily Illuminator (sold separately), is an unusual insert. It may be used above or below the gums. It could be the only insert you use. Its long slim tip reaches into deeper pockets. The thin neck improves access and its greater range produces more power.

**5) How do I sterilize the Illuminator inserts?**

Inserts must be carefully scrubbed to remove debris, either by hand with a brush or in an ultrasonic cleaner. Use non-ammoniated detergent or dishwashing soap, followed by a cold water rinse. Do not use ammoniated cleansers or disinfectants.

Steam Autoclaving following manufacturer's instructions is the preferred sterilization technique, as it minimized degradation of the insert's materials. "Chemical Vapor" sterilization may also be used. "Dry Heat" or "Cold Sterilization" are not recommended, as they may not be as effective, and may cause the O-ring to deteriorate.

Suggested Cycles:

Gravity Displacement 15 min @ 132-135° C; 15 min cool down

Prevacuum: 4 min 2 132-135° C; 15 min cool down

**6) If the unit is set on a lower power setting (Perio) will the illumination be reduced in intensity?**

No. The control for light intensity is not connected to the power setting.

**7) May I use your Illuminator inserts in my VETROSON® Millennium 25/30 Ultrasonic Scaler or other magnetostrictive scaler?**

Yes, at the 30K setting, but they will function as standard (non-illuminating) inserts when used in other 30K scaling units.

**8) May I use 25K inserts in my VETROSON® Illuminator 30K Scaler?**

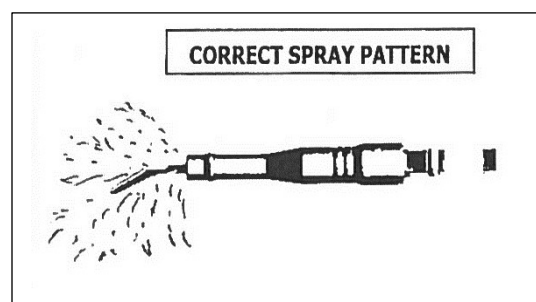
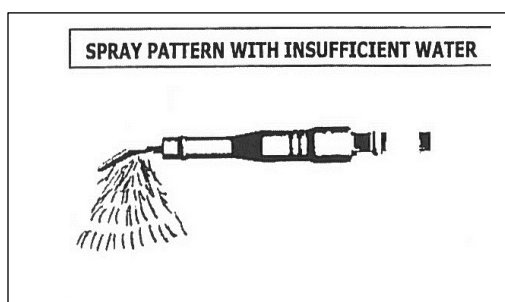
No. It is designed to accept only 30K inserts.

**9) How is the Power Booster used?**

The Power Booster is designed to increase power from the actual setting to a point midway to the maximum power just by increasing pressure on the foot pedal. The Power Booster light will illuminate indicating that the Power Booster feature is active. This feature is especially important in working subgingivally at the "Low" (perio) setting. Power can be temporarily increased to deal with a stubborn piece of calculus; partially lifting your foot off of the pedal will return the scaler to normal, non-boosting mode.

## 10) How should I set the water control knob?

Water knobs are pre-set at the factory. If adjustment is necessary, turn the water knob to a closed position (all the way clockwise). Then turn the knob counter clockwise for just less than one turn. This is approximately where it should be set. Make sure that you have an adequate water supply. Using the “Peter Emily” insert adjust the flow to your preference, maintaining a spray at both the “elbow” of the insert and the tip. This will result in maximum scaling efficiency.



## 11) May I mount the VETROSON® ILLUMINATOR under a shelf or under my high speed dental unit?

Yes. Our scaler is very light. Double-sided tape or Velcro should be used for mounting.

## 12) How do I get more information on the VETROSON® ILLUMINATOR 30K Ultrasonic Scaler?

Please visit our website at: [www.summithilllaboratories.com](http://www.summithilllaboratories.com) or contact our office to request a brochure or speak with a representative:

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