

INSTRUCTIONS FOR USE

AUTOClave INSTRUCTIONS

25K Series S1, S4

PLEASE READ CAREFULLY – STERILIZE BEFORE USE

Engler Engineering Corporation 25K Series Ultrasonic Inserts are designed for use with magnetostrictive scaling devices operating in the 25 Kilohertz frequency range.

ENGLER DENTAL INSERTS ARE INTENDED FOR PROFESSIONAL USE ONLY

- o Carefully remove the insert from the packaging.
- o Inspect and sterilize insert prior to first use.
- o For longer O-ring life, lubricate O-ring with water. Fill the handpiece with water, then gently twist the insert into the handpiece until seated.
- o **Always start every procedure using the lowest power setting. Use inserts at low to medium power settings only.**
- o DO NOT use dry heat sterilization on Engler inserts.
- o Discard an insert that has been dropped, damaged or has become bent.
- o Do not use for any procedure other than scaling, such as condensation of amalgam.
- o It is normal for tips to wear down with normal use. Up to 50% efficiency may be lost with only 2 mm of wear. Replace worn inserts as necessary to maintain peak performance.

Water flow - Water flow should be appropriate for the power setting. Higher power settings require higher water flow rates to keep the handpiece / insert cool and to avoid possible injury.

Instructions and cautions for use – Always use smooth, gentle strokes using only the edges of the tip. Active ultrasonic tips can crack or craze thin porcelain veneers and composite margining. The sharp edge of the vibrating tip can modify or scratch amalgam or gold restorations. Discard and replace any insert that is worn, bent, or has been dropped to avoid in-use breakage.

Autoclaving Instructions - Before autoclaving, inserts should be rinsed free of any blood or debris. 25K Series Inserts should be autoclaved at 134C for 7 minutes at 2.1 Bar before first use and after each patient. Validate this procedure according to ISO 11135 standards and USP 24. To preserve sterility, appropriate packaging should be employed. Do not place insert near the autoclave's heating element. Cold liquid sterilization or dry heat sterilization could adversely affect the insert and will void the warranty.

DROPPED OR DAMAGED INSERTS WILL NOT BE REPLACED UNDER WARRANTY.

LIMITED WARRANTY: All Engler 25K Series inserts are manufactured to the highest standards and is warranted for 30 days against any manufacturing defects. If under normal conditions, an insert is found to be defective, either in workmanship or materials, Engler Engineering Corp. will, at it's discretion, replace the insert or refund the original purchase price.

Engler Engineering Corp. will not be responsible for loss or injury either direct or indirect arising from the use or misuse of the insert. Use of an Engler insert by anyone other than a licensed professional will void any warranty.

Engler Engineering Corp. will not be responsible for accidental damage, bending, reshaping or regrinding. Lack of reasonable care, improper sterilization or disinfection procedures will void the warranty. **Under no condition will Engler Engineering Corp's liability exceed the purchase price of the insert.**

Engler Engineering Corp. will not be responsible for damage during shipping. Any claims for damage must be made to the shipping company. All warranty claims must be made in writing and must be accompanied by a dated sales receipt. All shipping charges including warranty claims are to be paid by the customer

If there are any questions regarding this insert, please call us at 800-445-8581.



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