

INSTRUCTIONS FOR USE

MAGNETOSTRICTIVE ULTRASONIC INSERT

parkell[®]

Rx ONLY

**CAUTION: NON-STERILE.
STERILIZE BEFORE USE**

This manual, in whole or in part, should not be considered a substitute for formal training in Ultrasonic Scaling. Appropriate professional education is **STRONGLY RECOMMENDED** prior to using this device clinically.

NOT RETURNABLE IF OPENED.

If necessary to return insert, please use a shipping box, not an envelope or padded mailer.

IMPORTANT:

Parkell's ultrasonic Inserts are designed to operate in Parkell, or Parkell-compatible 30K magnetostrictive ultrasonic scalers.

PRECAUTIONS:

- Do not use Thin Perio tips above your scaler's "medium" power setting. (The thin Burnett Power-Tip™ is an exception. It can be used at any power.)
- If your insert has an external water tube, do not attempt to adjust it. (It is welded in position.)
- Every insert is functionally tested by Parkell before packaging; therefore, some water residue may remain.

- Do not bend or reshape insert. Inserts should be handled with care at all times. Ultrasonic insert tips that have been bent, reshaped or otherwise damaged are susceptible to in-use breakage and should be discarded and replaced immediately. Changing the original shape of the insert also voids the warranty.
- Make sure the insert's green or black O-ring is in place before use, and lubricate with water prior to inserting into the handpiece. Replace worn or damaged O-rings with Parkell.
- During scaling procedures, all intra-oral soft tissues should be protected to avoid contact with the vibrating tip.
- To avoid gouging the tooth, keep the tip parallel to (not perpendicular to) the tooth's long axis. Use a controlled wiping motion, with copious water irrigation. While Parkell "Universal" tips and "Burnett Power-Tips™" may be used at any power setting from "low" to "high", thin "Perio-style" tips should not be used above your scaler's "medium" power setting.

CLEANING AND STERILIZATION:

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 minimizes 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 minutes @ 132-135° C;
15 minutes cool down.

Prevacuum:
4 minutes @ 132-135° C; 15 minutes cool down.

WARRANTY:

Parkell ultrasonic inserts are warranted for 90 days from date of delivery. This warranty does not cover insert abuse, acts of God, or tips that have been bent, reground, dropped, or altered in some other way. Parkell reserves the right to replace or return the purchase price for defective inserts at its discretion. Parkell cannot assume liability for incidental or consequential damage resulting from the use of the insert.

Parkell's Quality System is certified to ISO 13485 and ISO 9001.



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