

# INSTRUCTIONS FOR USE

# TurboVue.

LIGHT-TRANSMITTING  
ULTRASONIC INSERTS

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## **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 TurboVue™ Light-Transmitting Ultrasonic Inserts are designed for operation in Parkell's TurboVue™ Ultrasonic Scaler. They will provide the benefit of a bright, white light to the operating field when used with Parkell TurboVue™ Scalers, but will function as standard scaling inserts when used with other scaling units.

### **PRECAUTIONS:**

These inserts utilize a durable, autoclavable glass sleeve to transmit the light

from the handpiece to the operating field. While breakage is highly unlikely under normal use, abuse of the insert may create a safety hazard. Inspect the insert and the light guide for any visible damage before each use.

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. Make sure the insert's green 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 Stock No. DORING-GR.

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.



European Authorized Representative

(Not a dealer/distributor):

Directa AB - P.O. Box 723,

Finvids väg 8 SE-194 27

Upplands Väsby - Sweden

# **parkell**<sup>®</sup>

300 Executive Drive,   
Edgewood, NY 11717

Toll-Free: 1-800-243-7446

Phone: 631-249-1134

Fax: 631-249-1242

E-mail: [info@parkell.com](mailto:info@parkell.com)

[Parkell.com](http://Parkell.com)

