NOTE: The Torque Wrench handle will not disengage when loosening an abutment. Remove the Torque Wrench from the Driver Insert. Using the Driver Insert by itself, unscrew the rest of the way by hand.

## SECTION D

#### MAINTENANCE:

Directly after use, spray the Torque Wrench with MicroMist<sup>®</sup> Spray or the equivalent through the open handle end to flush out debris and lubricate the wrench. Do the same for the open end of the Thumb Knob Wrench. Clean the Torque Wrench, Thumb Knob Wrench, and Driver Insert with a wet towel or disinfectant wipe. Rinse under hot tap water and wipe dry.

Proceed with sterilization instructions.

## CAUTIONS FOR MAINTENANCE:

! Do not submerge the Torque Wrench in any solution.

! Do not use an ultrasonic cleaner unit to clean the Torque Wrench

## SECTION E

### CALIBRATION:

The Torque Wrench should be calibrated annually to ensure proper operation.

#### **RETURN POLICY**

Authorization for returns must be received from Zest Anchors, LLC prior to the return of any product. Shipping charges must be prepaid by the customer for Zest Anchors, LLC to accept any return shipment. Returned products may be subject to a restocking fee. Only merchandise returned in a resale condition will be accepted for credit if returned within 90 days of purchase. Returns will not be accepted after 90 days. Non-returnable items include: merchandise retained beyond any expiration date noted on the packaging, products with broken seals or missing parts, used, damaged, or obsolete products.

#### WARRANTY

The Torque Wrench is warranted to be free from defects in material and workmanship for a period of one year from the date of purchase. This warranty applies only if the product has been operated in accordance with these instructions. The warranty will not apply if the product has been subject to abuse or misuse, nor does it apply to normal wear. Sole liability under this warranty is limited to repair or replacement of the defective product, at the option of Zest Anchors, LLC. No other warranties are expressed or implied. Any defective product must be returned to the point of purchase with proof of purchase enclosed and shipping charges prepaid.



## INSTRUCTIONS FOR USE

# LOCATOR<sup>®</sup> 30 Ncm TORQUE & THUMB KNOB WRENCH KIT



L9004 REV. B 4/10

## LOCATOR<sup>®</sup> 30Ncm TORQUE & THUMB KNOB WRENCH KIT

LOCATOR<sup>®</sup> is a registered trademark of Zest IP Holdings, LLC

## **INSTRUCTIONS FOR USE**

**IMPORTANT:** This document contains the most current instructions for use. Please read and retain.

**INDICATIONS:** The LOCATOR<sup>®</sup> 30Ncm Torque & Thumb Knob Wrench Kit (Zest order No. 9020) contains a 30Ncm Torque Wrench, a Thumb Knob Wrench, and a 15mm LOCATOR<sup>®</sup> Square Drive Torque Wrench Driver Insert. The Kit is indicated for use in tightening LOCATOR<sup>®</sup> Implant attachment abutments to a recommended optimum torque of 30Ncm.

#### CONTRAINDICATIONS: The LOCATOR®

30Ncm Torque & Thumb Knob Wrench Kit cannot be used for implant abutments that require torque tightness greater than 30Ncm.

**CAUTION:** Federal (U.S.A.) law restricts this device to sale by or on the order of a licensed dentist.

**STERILIZATION:** The LOCATOR<sup>®</sup> 30Ncm Torque Wrench, Thumb Knob Wrench, and 15mm LOCATOR<sup>®</sup> Square Drive Torque Wrench Driver Insert are all supplied NON-STERILE. All three items may be sterilized by steam autoclave or Chemclave<sup>®</sup> following the sterilizer manufacturer's recommended procedure.

Sterilize the LOCATOR<sup>®</sup> Torque Wrench with the handle in the "broken" position, or manually "break" the handle after sterilization to assure it is working freely, then reset the handle.

#### **CAUTIONS FOR STERILIZATION:**

! Do not use "Flash Sterilization" techniques
! Do not exceed 275°F (135°C)
! Clean torque wrench thoroughly before sterilizing to prevent staining.

#### SECTION A

### 15MM LOCATOR<sup>®</sup> SQUARE DRIVE TORQUE WRENCH DRIVER INSERT INSTALLATION:

To install the 15mm LOCATOR<sup>®</sup> Square Drive Torque Wrench Driver Insert into the LOCATOR<sup>®</sup> Torque Wrench, push the square end of the Driver Insert into the square hole in the Torque Wrench. The square hole in the Torque Wrench is divided into eight positions, allowing the Driver Insert to be place into it in 45 degree increments.

For tightening an implant abutment, place the Driver Insert into the underside of the Torque Wrench with the printed word "30Ncm" on the handle facing upward. Move the Torque Wrench handle in a clockwise direction.

For loosening an implant abutment, use the same placement as in the tightening of implant abutment but rotate the handle in a counter-clockwise direction. The Torque Wrench handle will not release in this direction.

## SECTION B

#### OPERATION TO TIGHTEN AN ABUTMENT:

Place the square end of the Driver Insert into the Thumb Knob Wrench. Using finger pressure, tighten the abutment securely. Remove the Driver insert from the Thumb Knob Wrench and place it into the Torque Wrench. (Following the instructions in Section A). Support the head of the wrench with finger control while rotating the handle in a clockwise direction. Slowly rotate the handle clockwise until the handle "breaks away", which produces the torque tightness of 30Ncm shown on the handle.

#### **CAUTIONS FOR TIGHTENING:**

! Do not apply any additional force to the handle after it "breaks away", because it will increase the torque value desired.
! Do not attempt to adjust the torque setting screw in the handle. If the torque does not appear to be correct, send the Torque Wrench in for accurate calibration.

## SECTION C

### OPERATION TO LOOSEN AN ABUTMENT:

Place the Driver Insert into the implant abutment to be loosened. Place the Torque Wrench over the square end of the Driver Insert with the word "30Ncm" showing and the arrow pointing in a clock-wise direction on the top side of the handle. Rotate the handle in a counter-clockwise direction until the abutment is loose.