

**Want To Improve
Torque Assessment
For Surgical Use?
BIOMET 3i Has
A Solution!**



The High Torque Indicating Ratchet Wrench (H-TIRW)

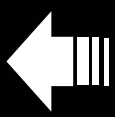
The Solution Designed To Provide Clinicians With Consistent High Torque Assessment:

- **Instant, Accurate Torque Indication For Manual Dental Implant Placement**
- **Easy To Read Display Of Torque Assessment**
- **Clearly Indicates Forward And Reverse Torque Of 50-90Ncm**



Providing Clinicians One Solution At A Time With The H-TIRW

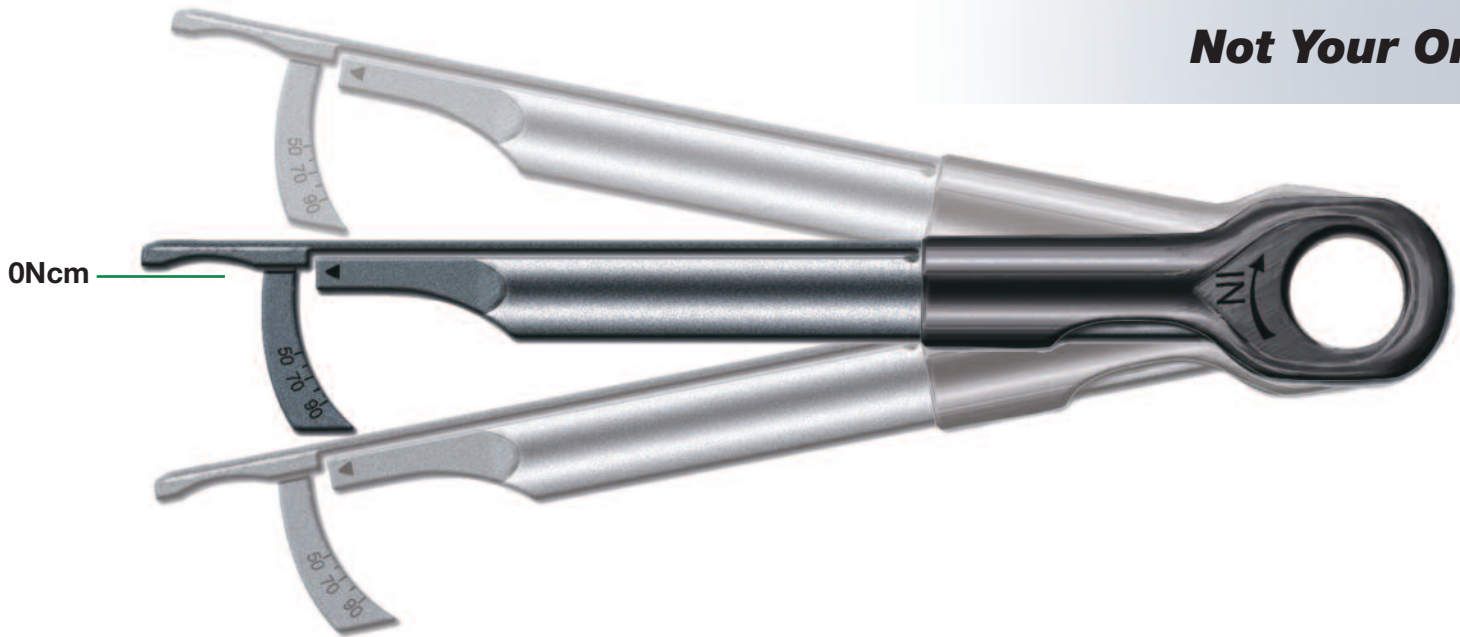
- **Multifunctional Design Doubles As A Conventional Ratchet Wrench And Torque Indicator For Ease Of Use**
- **Consistent Torque Indications From Case To Case For Use Without Recalibration**
- **Consists Of Only Two Parts For Easy Separation, Assembly And Sterilization**



**Scan With Your
Smartphone!**
In order to scan QR codes,
your mobile device
must have a QR code
reader installed.

BIOMET 3i™
PROVIDING SOLUTIONS - ONE PATIENT AT A TIME™

Not Your Ordinary



Instant Accuracy

The High Torque Indicating Ratchet Wrench (H-TIRW) is a unique high torque ratchet wrench for surgical use. The H-TIRW is sleek and easy to use, providing clinicians with an option they may not have had before: an inexpensive tool for instant, accurate high torque indication during manual dental implant placement.

The H-TIRW clearly indicates forward and reverse torque of 50-90Ncm without the need for additional components.



Easy To Separate And Assemble

Consisting of only two parts, the H-TIRW is easy to prepare for sterilization.

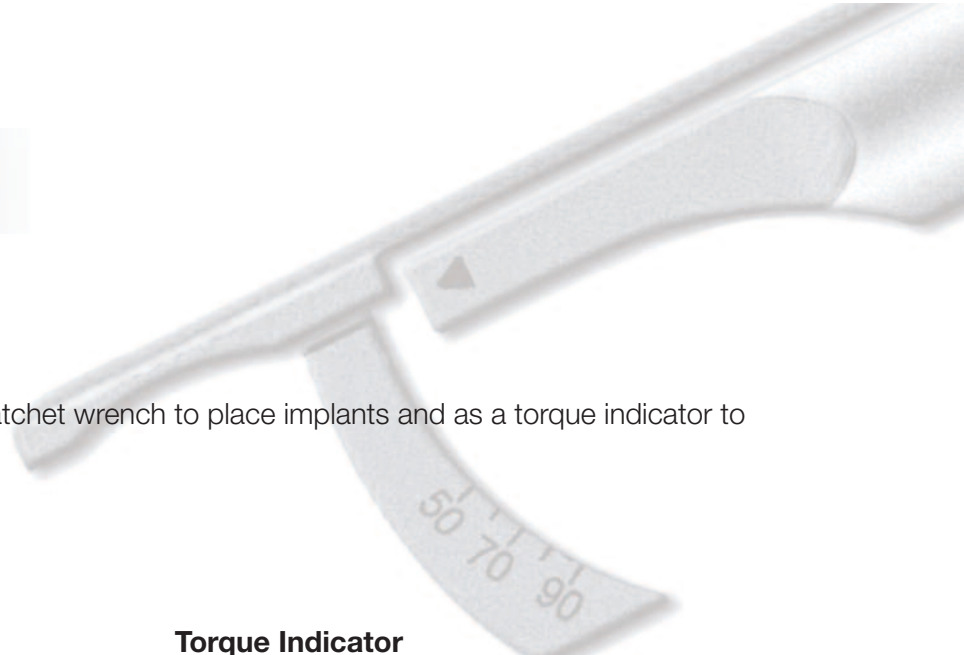
Maintenance-Free

The H-TIRW does not require lubrication or periodic recalibration. Calibration may be checked by verifying that the arrow is positioned at the first scale mark (0Ncm).

y Ratchet Wrench

Multifunctional

The H-TIRW doubles as a conventional ratchet wrench to place implants and as a torque indicator to provide a visual assessment of torque.

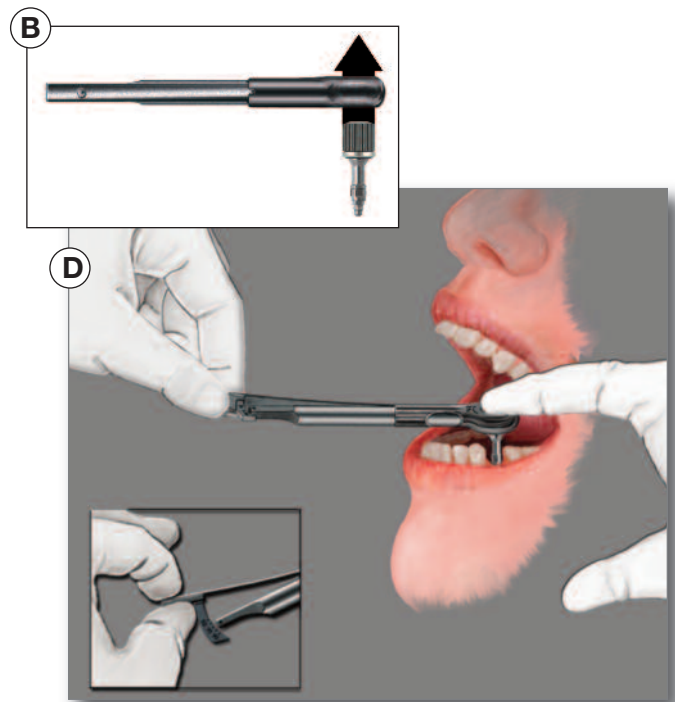
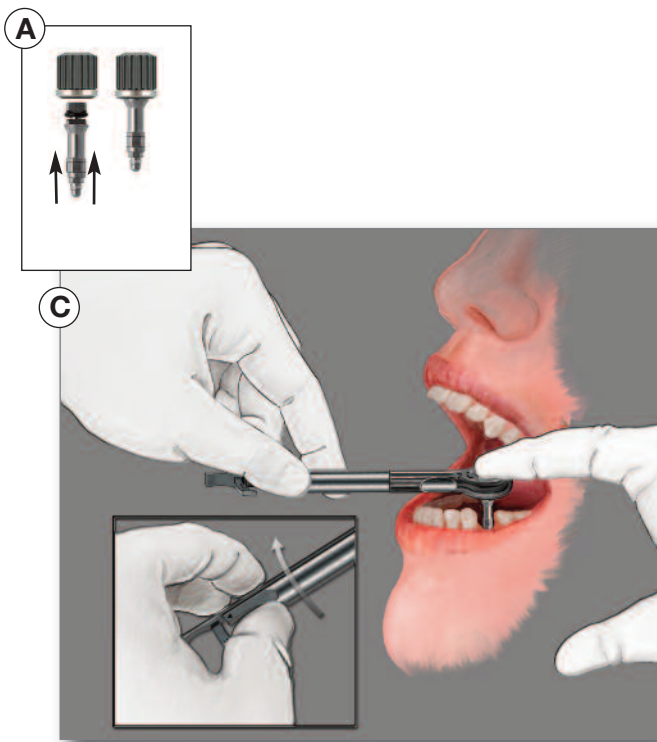


Manual Driver

- (A)** Insert the Certain® Implant Ratchet Extension Driver (IMRExxx or IRExxx) into the adapter.
- (B)** Mount the H-TIRW onto the adapter.
- (C)** Hold the main body and torque arm together with the thumb and index finger. Turn the wrench clockwise to insert the implant.

Torque Indicator

- (D)** To assess torque being delivered to the implant, push the torque arm clockwise to turn the wrench and apply torque to the implant.



High Torque Indicating Ratchet Wrench Ordering Information

H-TIRW	High Torque Indicating Ratchet Wrench Includes: H-TIRW 4x4 Square Adapter (C11108)
C11108	H-TIRW 4x4 Square Adapter
RTI2035TR	Torque Indicating Ratchet Wrench Tray

**For More Information About The H-TIRW,
Please Contact Your Local BIOMET 3i Sales Representative**

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