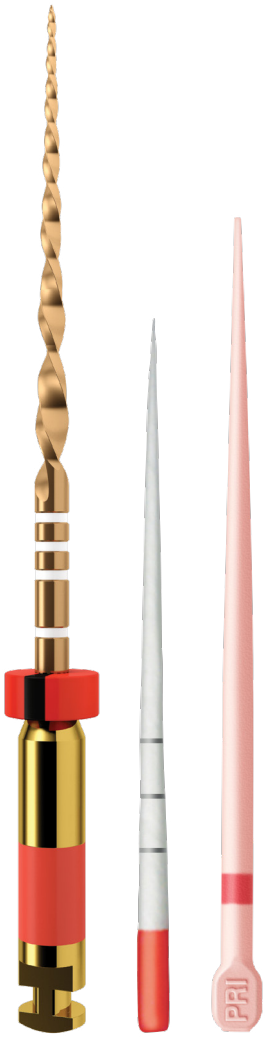
Dentsply Sirona

WaveOne® Gold

# Confidence, from shaping to obturation[1]




TRUSTED
ENDO
PARTNER

MAILLEFER

A brand of Dentsply Sirona

# Shaping

## Simplicity starts with shaping.

### A shorter sequence for most of your cases[2]

- One glider and one shaping file.

### Simple to use and easy to adopt

- Short learning curve.[3]
- More than 170'000 doctors trained in the world.
- Forgiving due to reciprocating motion and gold heat treatment.

### Time-saving

- Halves shaping time.[4]
- Zeros out reprocessing & documentation.
- High cutting efficiency.[5]

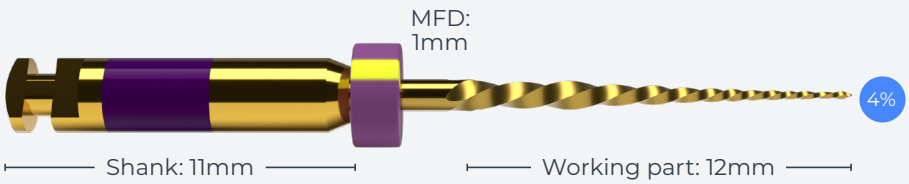
### Tried and trusted by your peers

- Up to 300 scientific studies.[6]
- More than 30 million treated cases.[7]

## WaveOne® Gold Orifice Shaper*

### Coronal flaring in reciprocation

Discover the simplicity of flaring to shaping now in one motion thanks to the WaveOne® Gold Orifice Shaper*, an instrument designed for coronal flaring in reciprocation, whenever you need it.




### Your same trusted features

- Reciprocation motion
- Gold heat treatment
- Parallelogram cross-section

# Cleaning

## Irrigate and activate.

### Irrigation needle

#### Flexible

- Advanced technology with two lateral openings aimed directly at the dentinal walls.
- Soft polypropylene allows the needle to curve and to deliver irrigation solution close to the apex.

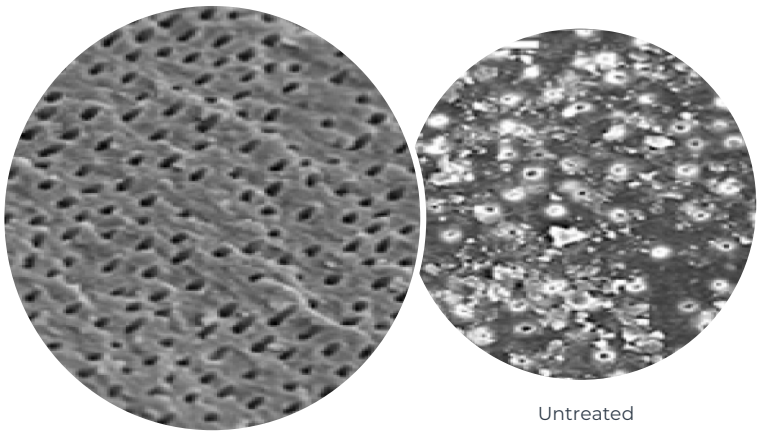
#### Atraumatic

- Closed end reduces risk of extrusion at the apex.
- Plastic body makes it atraumatic for hard tissues.

### SmartLite Pro EndoActivator®

#### More opened dentinal tubules

Passive soaks aren't enough. Activating irrigant solution produces a surface with more opened dentinal tubules, providing better obturation of lateral and accessory canals.[8]



Untreated

Treated with SmartLite Pro EndoActivator®

# Obturation

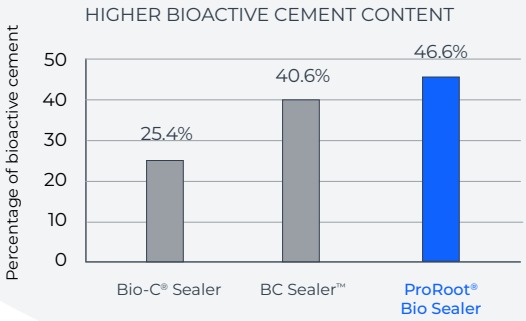
## Reliable seal and excellent fit.

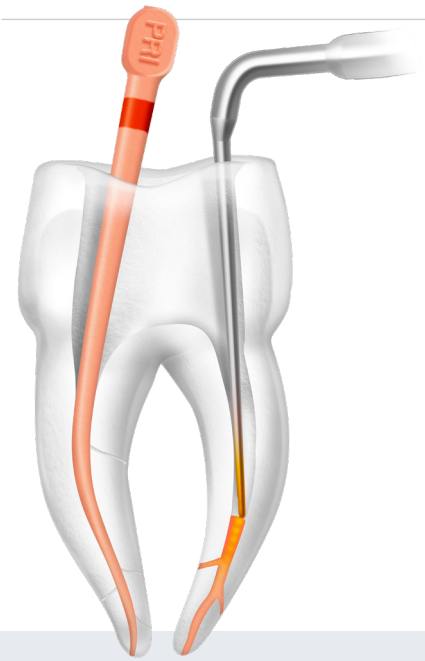
### ProRoot® Bio Sealer*

Prefer the bioactive method of root canal sealing? ProRoot® Bio Sealer goes the extra mile.

- Higher bioactive cement content[9]
- High clinical success rates[10]
- Easy handling with minimal waste[11]

Hydroxyapatite formation of ProRoot® Bio Sealer



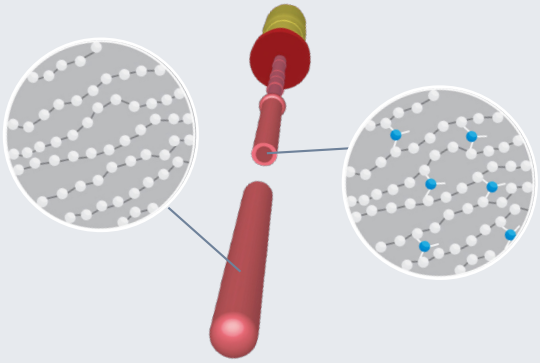



### WaveOne® Gold Conform Fit® Gutta-Percha

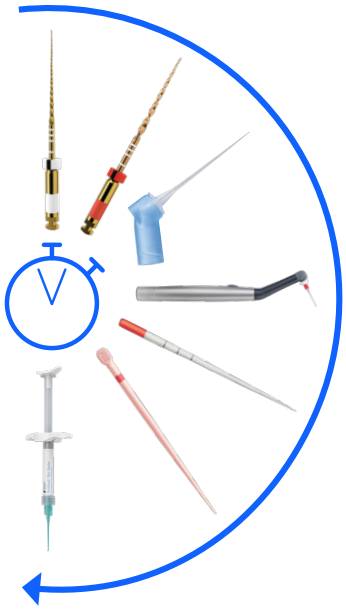
- Matching color marking for simple identification
- 5mm heat propagation
- Precise fit and accurate tug back
  - Precision machine tapered gutta-percha points compared to traditional hand rolled gutta-percha.
  - Consistent sizing for predictable fit.

### Guttacore®

- Matching color marking for simple identification.
- The warm technique with the ease of one single insertion.
- Our obturators feature a cross-linked gutta-percha core that sends the surrounding warm, flowable gutta-percha three dimensionally to follow the natural canal anatomy.



# The simplicity of a comprehensive treatment solution in 3 essential steps



## Shaping

Shaping in half the time.[4] A short sequence for most of your cases including 1 glide path and 1 shaping file. Crafted to be more forgiving, due to reciprocating motion and gold heat treatment.[7]

## Cleaning

Improved cleaning vs previous generation with our latest irrigation needle and SmartLite Pro EndoActivator®.

## Obturation

Reliable seal and excellent fit. No matter if you prefer a warm or cold obturation technique the ProRoot® Bio Sealer* is your sealer of choice. Combine it with the ease of Conform Fit® gutta-percha point or GuttaCore®.

## The X-Smart® advantage

Whether you need freedom and flexibility or ultimate control, the X-Smart® endo motor lineup has the perfect match for your Dentsply Sirona files. Choose tabletop or cordless, optimized for Dentsply Sirona files, both with accurate, real-time
apex location. No matter which motor you choose, you'll have the X-Smart® advantage behind every endo procedure.

# Quality at Dentsply Sirona

Trust is built on our commitment to quality, innovation, and global presence. We uphold the highest standards, using advanced technologies and rigorous quality checks. Our groundbreaking innovations, like patented file designs and custom machinery, redefine endodontics, enhancing treatment outcomes and simplifying workflows.

With manufacturing in Switzerland, Germany, and the USA, and presence in over 100 countries, our proximity to clinicians fosters strong relationships. We support this with education and partnerships, collaborating with 400+ universities and Key Opinion Leaders.

Our excellence is proven by certifications, numerous patents, and 140+ million instruments produced yearly. Each achievement reflects our relentless pursuit of trust and excellence in endodontics.

Your **WaveOne Gold®** files are manufactured in our Swiss-based manufacturing center of Ballaigues, also hosting our global R&D center for Endodontics. Center of Excellence for Endodontics since 1889!

TRUSTED
ENDO
PARTNER

# WaveOne® Gold Product References

## WaveOne® Gold Orifice Shaper

Orifice Shaper – 018, 04 variable taper

| | |
|---|---|
| 3 x 16 mm | BSTW1G316OSH |

## WaveOne® Gold Reciprocating Glide Path File

Glider – 015, 02 variable taper



| | |
|---|---|
| 3 x 21 mm | B ST W1GG 321 015 |
| 3 x 25 mm | B ST W1GG 325 015 |
| 3 x 31 mm | B ST W1GG 331 015 |
| 6 x 21 mm | B ST W1GG 621 015 |
| 6 x 25 mm | B ST W1GG 625 015 |
| 6 x 31 mm | B ST W1GG 631 015 |

## WaveOne® Gold Reciprocating Shaping Files

Small – 020, 07 variable taper



| | |
|---|---|
| 3 x 21 mm | A 0753 221 G0S 03 |
| 3 x 25 mm | A 0753 225 G0S 03 |
| 3 x 31 mm | A 0753 231 G0S 03 |
| 6 x 21 mm | A 0756 221 G0S 03 |
| 6 x 25 mm | A 0756 225 G0S 03 |
| 6 x 31 mm | A 0756 231 G0S 03 |

Primary – 025, 07 variable taper

| | |
|---|---|
| 3 x 21 mm | A 0753 221 G0P 03 |
| 3 x 25 mm | A 0753 225 G0P 03 |
| 3 x 31 mm | A 0753 231 G0P 03 |
| 6 x 21 mm | A 0756 221 G0P 03 |
| 6 x 25 mm | A 0756 225 G0P 03 |
| 6 x 31 mm | A 0756 231 G0P 03 |

Medium – 035, 06 variable taper

| | |
|---|---|
| 3 x 21 mm | A 0753 221 G0M 03 |
| 3 x 25 mm | A 0753 225 G0M 03 |
| 3 x 31 mm | A 0753 231 G0M 03 |
| 6 x 21 mm | A 0756 221 G0M 03 |
| 6 x 25 mm | A 0756 225 G0M 03 |
| 6 x 31 mm | A 0756 231 G0M 03 |

Large – 045, 05 variable taper



| | |
|---|---|
| 3 x 21 mm | A 0753 221 G0L 03 |
| 3 x 25 mm | A 0753 225 G0L 03 |
| 3 x 31 mm | A 0753 231 G0L 03 |
| 6 x 21 mm | A 0756 221 G0L 03 |
| 6 x 25 mm | A 0756 225 G0L 03 |
| 6 x 31 mm | A 0756 231 G0L 03 |

## Irrigation Needle

Irrigation Needle 30 Gauge

| | |
|---|---|
| Irrigation Needle x5 | B NS DSIN 522 30G |
| Irrigation Needle x40 | B NS DSIN D22 30G |

## WaveOne® Gold assortment blister

Assortment Reciprocating File Small/Primary/Medium/Large

| | |
|---|---|
| 4 x 21 mm | A 0754 221 G9A 03 |
| 4 x 25 mm | A 0754 225 G9A 03 |
| 4 x 31 mm | A 0754 231 G9A 03 |

WaveOne® Gold Blister Sequence: 1x K-file 10, 1x WaveOne® Gold Glider, 1x WaveOne® Gold Primary

| | |
|---|---|
| 3x 25 mm | B ST W1GS 325 AST |

## Paper Points for WaveOne® Gold

Box of 180 x Sterile Paper Points

| | |
|---|---|
| Small | A 175W 000 00S 03 |
| Primary | A 175W 000 00P 03 |
| Medium | A 175W 000 00M 03 |
| Large | A 175W 000 00L 03 |
| Assortment | A 175W 000 AST 03 |

## Conform Fit® Gutta-Percha Points for WaveOne® Gold

Box of 60 x Conform Fit Gutta Percha Points

| | |
|---|---|
| Small | B 00 WGGP F00 SML |
| Primary | B 00 WGGP F00 PRI |
| Medium | B 00 WGGP F00 MED |
| Large | B 00 WGGP F00 LRG |
| Assortment | B 00 WGGP F00 AST |

## GuttaCore® for WaveOne® Gold

Blister of 6 x Obturators

| | |
|---|---|
| Small | B NS GCWG 500 SML |
| Primary | B NS GCWG 500 PRI |
| Medium | B NS GCWG 500 MED |
| Large | B NS GCWG 500 LRG |

Box of 30 x Obturators (5 Blisters)

| | |
|---|---|
| Small | B NS GCWG C00 SML |
| Primary | B NS GCWG C00 PRI |
| Medium | B NS GCWG C00 MED |
| Large | B NS GCWG C00 LRG |

## SmartLite Pro EndoActivator®

Complete system kit 644441

- Handpiece · EndoActivator® Attachment
- 2 Batteries · Charging Base
- Accessories Box (Power Connector, AU, EU, US, UK plug adapters, USB Cable)
- IFU · Technique Card
- SLP-EA Barrier Sleeves 100/pack (644434)
- EA Tips Small 25/pack (644435)
- EA Tips Medium 25/pack (644436)
- EA Tips Medium Long 25/pack (644437)

## ProRoot® Bio Sealer Kit



| | |
|---|---|
| 1 x 2.2 g Syringe, 20 ProRoot® Flex Tips | 60620140 |

## Oven

ThermaPrep®

| | |
|---|---|
| 230V EU | B00THPR230VEU |
| 230V UK | B00THPR230VUK |
| 115V US | B00THPR115VUS |

## X-Smart® Pro +/X-Smart® Go motor

X-Smart® Pro+ Endo Motor with Integrated Apex Locator
6779016

X-Smart® Pro+ Endo Motor with Integrated Apex Locator, Mini Contra Angle with Integrated LED, 360° Adjustable Position Stainless Steel Handpiece Sheath, Magnetic Handpiece Holder, Accessories Box (charger with universal power adapters), Lip Clip, File Clip, Y-Connector Cable

X-Smart® Go Cordless Endo Motor with Apex Locator
B00XSGO000000

X-Smart® Go Cordless Endo Motor with integrated Apex Locator, Mini Contra Angle, Cordless Handpiece, Accessories Box (charger with universal power adapters), Lip Clip, File Clip, Measurement Cable, Power Bank, Silicone Sleeve, Handpiece Sleeve.

| | | | |
|---|---|---|---|
| **Files, Gutta-Percha & GuttaCore** | **Maillefer Instruments Holding Sàrl,** Chemin du Verger 3, 1338 Ballaigues, Switzerland | **Dentsply DeTrey GmbH,** De-Trey-Straße 1, 78467, Konstanz, Germany | 2797 |
| **Absorbent Points** | **Dentsply Tulsa Dental Specialties,** 608 Rolling Hills Drive, Johnson City, TN 37604, USA | **Dentsply DeTrey GmbH,** De-Trey-Straße 1, 78467, Konstanz, Germany | 2797 |
| **Irrigation Needle** | **Produits Dentaires SA,** Rue des Bosquets 18, 1800 Vevey, Switzerland | **PD Dental EU,** 74200 Thonon-les-Bains, France | 0425 |
| **SmartLite Pro EndoActivator®** | **Dentsply LLC,** 1301 Smile Way, York, PA 17404, USA | **Dentsply DeTrey GmbH,** De-Trey-Straße 1, 78467, Konstanz, Germany | 2797 |
| **ProRoot® Bio Sealer** | **NuSmile Ltd,** 3315 West 12th St Houston, TX 77008, USA | **MDSS GmbH,** Schiffgraben 41, 30175 Hannover, Germany | 1639 |
| **X-Smart® Pro+** | **Sirona Dental Systems GmbH,** Fabrikstraße 31, 64625, Bensheim, Germany | | 0123 |
| **X-Smart® Go** | **Forum Engineering Technologies (96) Ltd.** 40 Hutsot Hayotser St., Ashkelon 7878563, Israel | **AR Experts B.V.** Boeingavenue 209, 1119PD, Schiphol-Rijk, The Netherlands | 0483 |

* Availability subject to local registration.

**1.** WaveOne® Gold Scientific Manual(p34-42)ref BENW1GOSCM000. **2.** Single glide path file and single shaping file in most of the cases. **3.** Validated via an users evaluation questionnaire. **4.** vs. ProTaper Universal. **5.** Preserved thanks to single-use. **6.** listed on PubMed in October 2024. **7.** Internal data on file. **8.** A quantitative and qualitative analysis (n=20) of ultrasonic versus sonic endodontic systems on canal cleanliness and obturation Valerie Kanter, DMD, Emily Weldon, DMD, Uma Nair, DMD, MDS, Claudio Varella, DDS, MS, Keith Kanter, DDS, Kenneth Anusavice, PhD, and Roberta Pileggi, DDS, MS, Gainesville, FL UNIVERSITY OF FLORIDA. (Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2011; 112:809-813 **9.** Based on crystalline portion evaluated by XRD analysis comparing different bioceramic sealers (cf. chart). Internal data on file. **10** Randomized controlled ongoing clinical trial ( >450 follow up cases) comparing bioceramic sealers with AH Plus resin-based sealer, Gustavo De-Deus, University of Rio de Janeiro. External data on file. **11.** Tip waste analysis of different bioceramic sealer tips. Internal data on file. For more information on non-published data, contact Consumables-Data-Requests@dentsplysirona.com.

Dentsply Sirona

Technical modifications on our products are not subject to notifications. Photos of our instruments are not contractual. © 2022 Dentsply Sirona Inc. Rx Only. INL/ B EN W1GO BRC 002/ 03/ 2022 - updated 04/2026