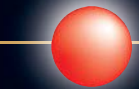


MICRO-MEGA®'s products



Endodontics



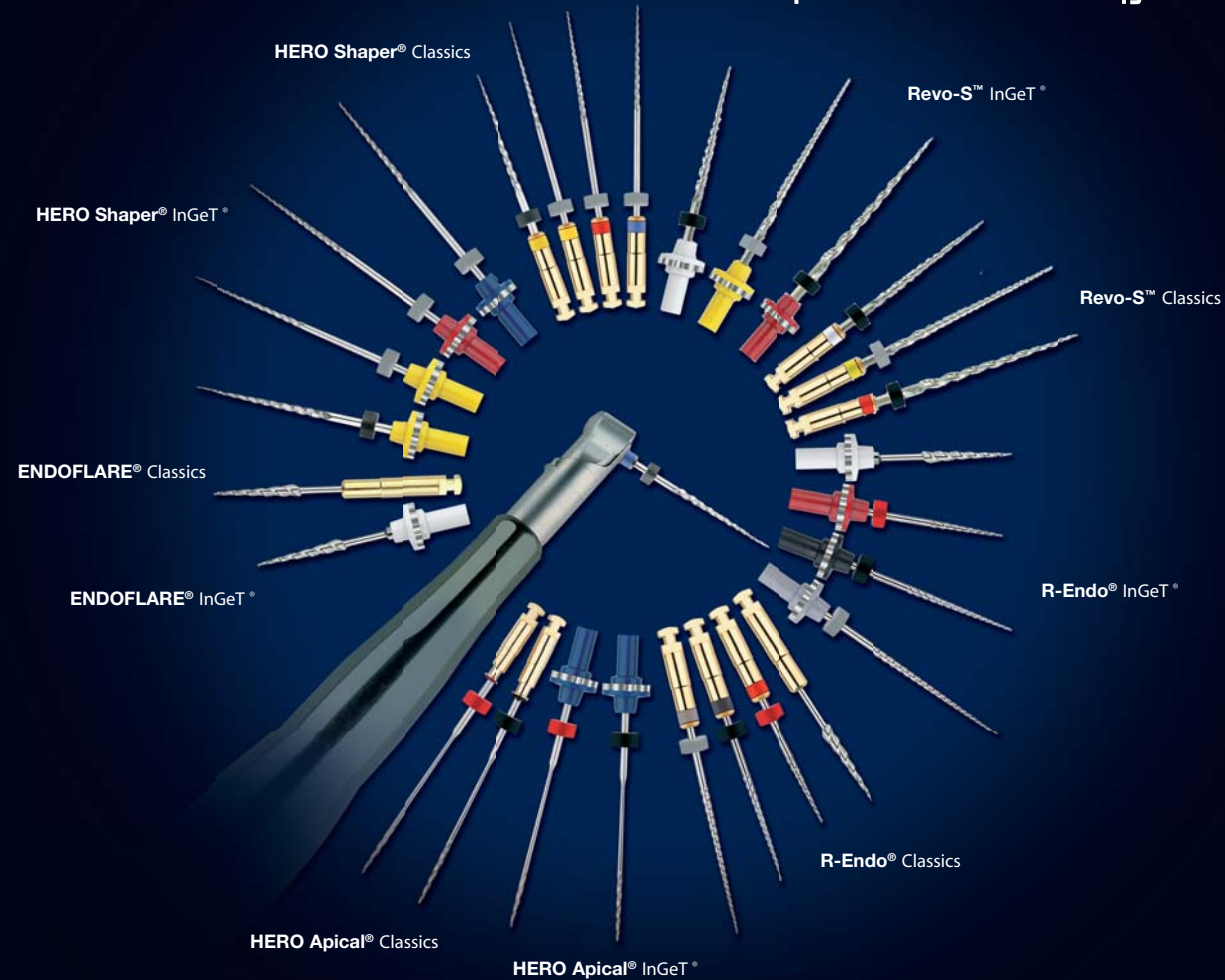
Obturation



Handpieces



Hygiene



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MICRO-MEGA® reserves the right to modify the characteristics of its instruments without notice. Pictures non contractual.

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PUBLICIS KOUTRA

HEROfill®

Obturation



*We invent,
you succeed!*

HEROfill® is a 3rd generation endodontic obturator system which was developed to allow the practitioner a fast and reliable means of obturating a root canal. Expanding on the principle of a solid plastic core coated with thermoplastic gutta percha, the enhancements found in the HEROfill® system add accuracy and dependability to the well documented apical seal that may be obtained with endodontic obturators.

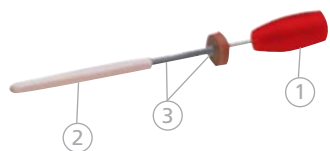
- Fast, reliable and accurate obturation method.
- Detachable handle.
- Adjustable working length.
- Easy control thanks to the HEROfill® Verifiers.
- Rapid heating with the HEROfill® Oven.
- Easier post space preparation.

HEROfill® Oven

- New design: more compact and more ergonomic.
- Four obturators can be heated at the same time.
- Oven chamber heated by three ceramic heating elements.
- Removable top.



Obturators and Verifiers



A single unit is all that is needed to totally obturate a root canal.

A HEROfill® obturator consists of three parts:
 1 Plastic handle with a metal - insertion pin.
 2 Outer layer of thermoplastic gutta percha.
 3 Plastic core biocompatible with endo stop.

HEROfill® Verifier

The HEROfill® Verifier is an uncoated core that has exactly the same dimensions as the obturator core. It is used to confirm that the size selected provides the proper fit.



After having ideally used Revo-S™ or HERO Shaper® sequence for root canal preparation or R-Endo® sequence for retreatment, insure that you have achieved the following before using HEROfill®:

- A properly cleaned and shaped canal.
- A dry root canal.
- An established working length.

1

Select the appropriate size HEROfill® obturator. Generally this will be the same size as the last file used at the apex of the canal.

2

Confirm the selected obturator size by inserting the matching HEROfill® Verifier into the canal to the working distance.

3

The chosen obturator is placed in one of the slots by its colour-coded handle. Activate the timer by pressing the ON icon.

4

While the obturator is heating, mix and place any heat resistant sealer (MM - Seal recommended a non-eugenol sealer). Using the HEROfill® Verifier, place a thin coating of sealer on the wall of the canal.

5

After the tone, remove the HEROfill® obturator. Without twisting the handle, immediately insert the obturator into the canal to the working distance.

6 *

Allow the gutta percha to cool for 3-4 minutes. Confirming radiographs may be taken during this time.

7 *

Remove the handle by twisting it. Cut away excess plastic core with a small inverted cone bur and trim away the extra gutta percha.

***Alternative Technique**
 Hold in place the central core with cotton pliers whilst removing the handle and insertion pin with a small inverted cone bur. Avoid vertical movement of the core in order to minimize the chance of disturbing the apical seal.