XP-endo Shaper

Protocol for Use

**Product codes:** 371-21 XP-endo Shaper 21mm, 371-25 XP-endo Shaper 25mm, 371-31 XP-endo Shaper 31mm

Use XP-endo Shaper only after preparing a glide path up to minimum ISO 15/0.02.

- **Speed:** 800 rpm (800-1000 rpm)
- **Torque:** 1 Ncm

1. Use XP-endo Shaper only after preparing a glide path up to minimum ISO 15/0.02.
2. Remove an XP-endo Shaper from the sterile blister pack, and place it in a contra-angle handpiece. There is no need to straighten the instrument before use.
3. Define the working length by positioning the rubber stop 0.5 mm short of the working length (WL).
4. Insert the tip of the instrument inside the canal (Fig. A.), and then switch the instrument to rotate mode. The canal must always contain some irrigant.
5. Use the XP-endo Shaper until the WL, applying light up-and-down movements (3 to 5 up-and-down strokes), in order to obtain the final size (Fig. B).
6. Remove the XP-endo Shaper from the canal while it is rotating. Deactivate rotate mode.
7. Clean the instrument and irrigate the canal.
8. Once you reach the WL, apply 5 more up-and-down movements over the entire length of the canal (Fig. C).
9. Irrigate the canal in order to eliminate suspended debris.
10. Check the size using a Gutta Percha 30/0.04.
11. If the final size has not been reached (30/0.04), repeat from step 7.
12. If a preparation larger than 30/0.04 is required, use a RaCe instrument of the right size to obtain the desired final preparation.

Once the tooth has been fully shaped and cleaned:

- Dry the canals and fill them using an inert cone (e.g. gutta percha) and a sealer (e.g. TotalFill®).