



FKG BioRace Basic Set Instruction Manual

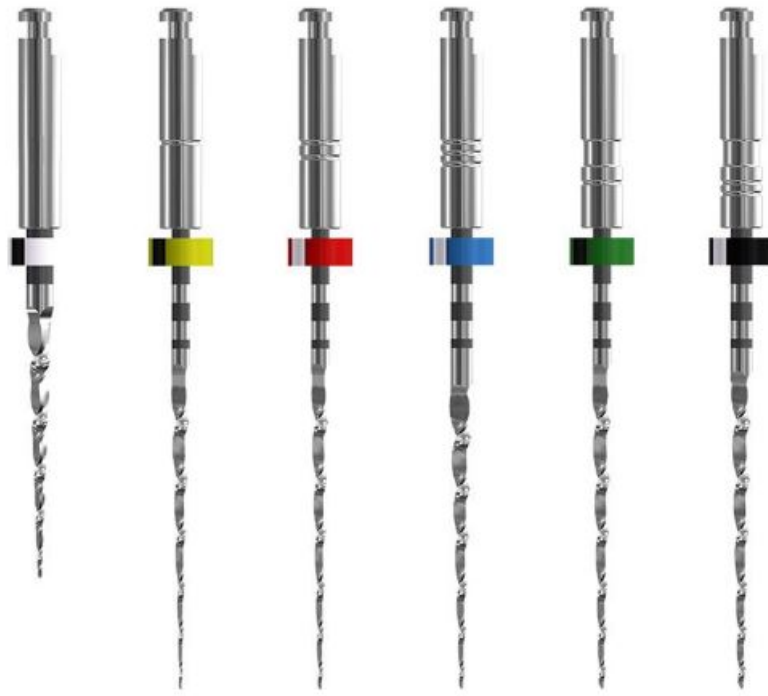
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FKG BioRace Basic Set



Golden rules

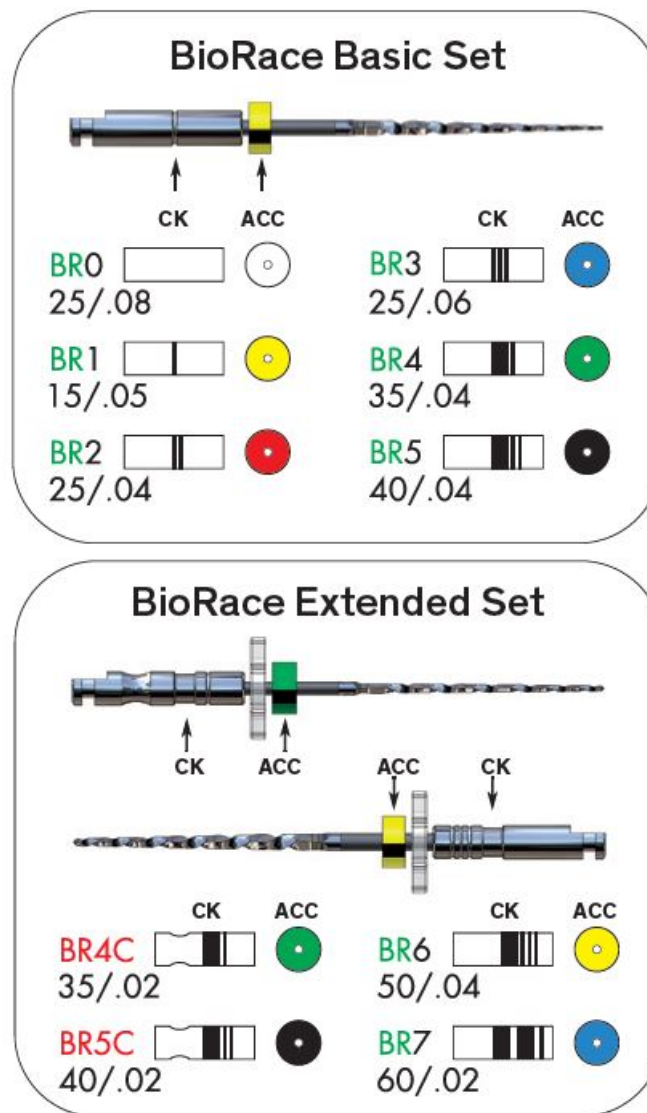
- Speed : 600 rpm – Torque: 1 Ncm
- Max. 3-4 back-and-forth gentle strokes.
- Light touch, let the instrument work.
- Work 3-4 seconds in a row, get out, clean the blade and irrigate the canal.

BioRace Basic Set

blister includes 1 x BR0, 1 x BR1, 1 x BR2, 1 x BR3, 1 x 1 BR4, 1 x BR 5

Prepare glide path first, then Fill the canals and pulp chamber with irrigant.

1. BR0 – only 4 gentle strokes – clean the flutes.
 - Repeat until approximately 4-6mm of the coronal part of the canal has been prepared.
 - After use of BR0, repeat irrigation.
 - Recapitulate to full working length (WL) with manual file #15.
 - Fill the canal and pulp chamber with irrigant.
2. Use BR1 with 4 gentle strokes. If this instrument does not reach the WL, clean the instrument and repeat until the WL is achieved.
3. Use BR2 and BR3 as described for BR1. DO NOT use BR3 to full WL on canals with severe apical curvatures. In this case go to step 1 of the BioRaCe Extended Set protocol.
4. Use BR4 and BR5 as explained for BR1-3. In most cases, the final apical preparation is then achieved.
5. For larger canals, (see anatomical chart on www.fkg.ch), go to step 3 of BioRace Extended Set protocol.





Extended Set


1 blister includes/1 x BR4C, 1 x BR5C, 1 x BR6, 1 x BR7

1. For severe apical curvatures, instruments BR4C and BR5C should be used to prepare the apical canal. If the instrument does not reach the WL with 4 gentle strokes, DO NOT FORCE the instrument. Irrigate the canals and repeat.
2. For complicated curvatures, it is recommended to use additional FKG instruments (e.g. S-Apex, ScoutRace or manual SMG files).
3. For larger canals, the two additional instruments BR6 and BR7 from BioRace Extended Set can be used as explained for BR1-5.

NB. Copious irrigation at all times. Cleaning the files after 4 gentle strokes is essential for the safe and efficient use of these instruments.

- Depth marks  (in millimeters)
- Available on instruments of 21 / 25 / 31 mm
- Marques de profondeur  (en millimètres)

- Disponibles sur instruments de 21 / 25 / 31 mm

- Tiefmarkierungen  (in Millimeter)
- Verfügbar auf Instrumente von 21 / 25 / 31 mm
- Example on instruments of 25 / 31 mm
- Exemple sur des instruments de 25 / 31 mm
- Beispiel auf Instrumente von 25 / 31 mm



Sterilization protocol for reusable medical devices

Nonsterile products First use

- Carefully follow the rules here below
- Cleaning and Sterilization

Sterile products First use

1. Open the alveolus
2. Extract the instrument (use of gloves imperative)
3. Use the instrument according to good dental practice

Second use

Carefully follow the rules here below Second and following uses.

Cleaning

1. Manual cleaning with/without Ultrasonic assistance Thorough cleaning allows efficient disinfection & sterilization.
2. Rinse Under distilled/demineralized water at least 1 min. Then dry the instruments.
3. Inspection – Check Sort out damaged or worn-out instruments.
4. Packing Place the instruments in a suitable support/container and pack the devices in sterilization pouches ISO 11607-1.

Sterilization

- According EN/ISO 17664 protocol Autoclave : 134°C/273°F, 2.2 bar during 18 min.
- Storage Keep devices in sterilization wrap/pouch in a dry and clean environment.

Always refer to the manufacturer's instructions for cycle & duration.

Second and following uses

- Pre-disinfection Plunge instruments after use in detergent solution and eventually brush them manually.
- Rinse Under running water at least 1 min. Then dry the instruments.
- Follow steps 1 – 6 above

Complete operating protocol and warnings on www.fkg.ch.

General information

Pre-/Disinfection DO NOT USE

- solutions containing :
- phenol (corrosion)
- aldehyde (blood fixation)
- di-/triethanolamines (corrosion)

Sterilization with chemicals or dry air devices has not been validated by FKG Dentaire. Refer to the manufacturer's instructions for cycle & duration. Nevertheless, our instruments withstand such methods

Caution

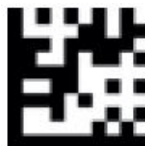
This product contains nickel and should not be used for individuals with known allergic sensitivity to this metal.

A single patient use is recommended to avoid cross-contamination.



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- see www.fkg.ch for additional information.





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BioRace Basic Set, BioRace Extended Set, BioRace, BioRace Basic Set, Basic Set, Set

References

-  [Welcome to FKG Dentaire | FKG Dentaire](#)