

NEW PRODUCTS AND FOCUS ON RESTORATIVES AND PAEDIATRIC DENTISTRY

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CONFIDENCE IN YOUR HANDS

Adaptive Motion Technology is based on a patented, smart algorithm designed to work with the TF Adaptive file system. This technology allows the TF Adaptive file to adjust to intra-canal torsional forces depending on the amount of pressure placed on the file. This means the file is in either a rotary or reciprocation motion depending on the situation. Reciprocating angles may vary: no load 600° forward and 0° backwards; loaded 370° forward and up to 50° backwards, based on file load.

The result is exceptional debris removal with the classic rotary Twisted File design and less chance of file pull-in with Adaptive Motion Technology. This gives the clinician exceptional file control through the entire procedure.

Offering simplicity and peace of mind, the system also features:

- 8:1 contra-angle for smooth operation; hand-pieces are available in latch and push-button
- An intuitive, colour-coded system designed for efficiency and ease of use. Just like a traffic light – start with green and stop with red
- A fully autoclavable motor/cable, which easily detach from the console
- An intuitive user interface with an easy-to-read LCD screen.

Six benefits

We know that, in addition to a well-supported evidence base, clinicians want to hear about the experiences of like-minded dentists. Who better to share his experience of TF Adaptive than world-renowned endodontist Gary Glassman?

‘You put the file into the hand-piece, follow the procedure card and just feel the tactile change. You just let the file do the work for you – it’s just so simple and easy to use.’ *Dr Thomas Jovicich*

1 Control – the TF Adaptive system, when used with the Elements

Motor with Adaptive Motion Technology, rotates clockwise and, depending on the load on the file, adapts and reverses counter-clockwise by coasting in a reciprocating motion.

On this, Dr Glassman commented: ‘The system takes the Twisted Files in a new motion that puts the operator in total control of the file rather than the file being in control of you.’

With other systems, he has found that, when you place the file into the canal, it actually can suck you in. ‘You don’t get that here. You are able to negotiate your way down the root canal to the apical terminus in a very safe manner,’ he said.

2 Durability – ‘Of all the teeth I have worked on with TF – about 2,000 – I have not separated a single file with this system,’ said Dr Glassman. ‘While several files have been untwisted, none have broken. I feel comfortable and confident that I will have a decreased risk of separation using the TF Adaptive system in the tooth.’

3 Minimum amount of files – the TF Adaptive system allows dentists and endodontists to use a minimum amount of files to complete the shape of the root canal.

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Recognising this, Dr Glassman revealed: ‘In many cases we only have to use two NiTi files to treat the tooth; one to create the taper and one to apically enlarge.’

4 Ease of use – the system is colour-coded similar to a traffic signal.

‘Once you know how a traffic signal works – green, yellow, red – it is a really easy system to learn,’ according to Dr Glassman.

This also makes it easy for assistants to set up without extensive training.

5 Safe for patients – with a decreased probability of separation, the risk to patients’ safety is decreased dramatically.

6 Wide-ranging – ‘You can use this system in more than 90 to 95 percent of the cases you treat in the office (unless you are treating uncommonly large canals) with the files available,’ Dr Glassman stated.

The best of both worlds

With TF Adaptive and Adaptive Motion you get the best of both worlds; rotary when you want it and reciprocation when you need it.

For information or to request a free demo in your practice, call 01733 892292, email kerruk@kerrhawe.com or visit www.kerrdental.co.uk.