

CanalPro™ Jeni

Digital assistance system for canal preparation



Jeni – ready – go!

Autonomous "navigation" in the endo canal owing to revolutionary software

The new CanalPro Jeni endomotor has a patent-pending digital assistance system for canal preparation, which uses complex algorithms to control the file movement at millisecond intervals. The rotary motion and speed are continuously controlled based on current intensity and torque.

Different routes, obstacles and situations

CanalPro Jeni is named after its developer Prof. Dr. Eugenio Pedullà and guides you safely through the traffic like a navigation system. As such, the Jeni system automatically adapts to the individual root canal anatomy, working in unison with the mechanical and chemical preparation every step of the way.



The apex route map –
Jeni, ready, go!

Switch on the device



Select the "Preparation"
route and off you go!



Select the NiTi
file system



Continue at a constant speed
and do not turn back!

- > Adapt rotary movement
- > Adapt speed
- > Adapt torque
- > Measure working length
continuously



"BEEP" – Please irrigate!

- > Adapt torque
- > Measure working length
- > Adapt speed
- > Message ATTENTION - jamming, irrigation necessary



Interim stop, use next file in the sequence

- > Measure working length continuously
- > Adapt rotary movement
- > Adapt torque
- > Measure working length continuously
- > File has reached apex



"BEEP" – please irrigate and
continue

- > Adapt torque
- > Measure working length
- > Adapt speed
- > Message ATTENTION - jamming,
irrigation necessary



You have reached your destination
"preparation"!

CanalPro™ Jeni

software features

Advantages ...



New, autonomous assistance system for canal preparation

The completely new drive concept of the CanalPro Jeni endomotor has an autonomous assistance system (patent pending). It makes canal preparation much safer, more efficient and amazingly simple.



Reach your objective efficiently with the Jeni mode

The Jeni assistance system uses complex algorithms that control the variable file movements at millisecond intervals. They constantly regulate the rotary movements as well as the speeds via feedback of current intensity, torque and file stress. As a result, the endomotor continuously adapts to the contours of the individual root canal anatomy and guides mechanical and chemical preparation step by step. Simply move the root canal file steadily from coronal to apical while applying slight pressure. Owing to the smart control of the CanalPro Jeni motor, the up and down movements (pecking) which are necessary with conventional preparation systems are no longer necessary.



... all along ...



Perfectly matched to four file systems

Four NiTi file systems are specifically programmed for use with the Jeni mode (HyFlex CM, HyFlex EDM, MicroMega One Curve, MicroMega 2Shape). The modern CanalPro Jeni assistance system thus expertly supports the clinician during the entire preparation of the canal.



Irrigation with aplomb

Irrigation is a key success factor in endodontic treatment. Jeni gives you an acoustic signal when irrigation is required.



File breakage early warning system

The innovative software of the CanalPro Jeni detects impending fatigue breakage of the file* in the best possible way. A file change is recommended as soon as a special acoustic signal sounds. Better safe than sorry.

*Owing to the complexity involved, it is not possible to completely eliminate file breakage.



... the root canal route.



Apex locator – measuring length without interruption

Owing to the fully insulated angled handpiece, the integrated apex locator enables continuous, precise measurement of the working length in real time during the entire root canal preparation. After attaining the required working length, the machine switches to the next file size until the desired preparation size has been reached.



Flexible use via Doctor's Choice* function

In addition, individual sequences can be stored for up to eight files for conventional movement patterns.

* without Jeni mode activation (no individual, variable file movement control, no irrigation messages or warning of file breakage)



Future-proof with updates

Updates can be uploaded at any time via microSD card.

CanalPro™ Jeni

special hardware features

7" Panorama colour touch display
High contrast, clear landscape format



Bluetooth foot switch
The wireless foot switch is automatically connected to the control unit.



CanalPro Jeni, complete set

60023659

- 1 × Control unit
- 1 × Motor with apex measuring contact
- 1 × Fully insulated angled handpiece 1:1
- 1 × Bluetooth foot switch
- 1 × Power supply
- 1 × Apex cable set
- 1 × Holding bracket for apex cable

CanalPro Jeni, set without angled handpiece

60024188

- 1 × Control unit
- 1 × Motor with apex measuring contact
- 1 × Bluetooth foot switch
- 1 × Power supply
- 1 × Apex cable set
- 1 × Holding bracket for apex cable



Coltène /Whaledent GmbH + Co. KG

Raiffeisenstraße 30
89129 Langenau / Germany
T +49 7345 805 0
F +49 7345 805 201
info.de@coltene.com

www.coltene.com

Coltène /Whaledent AG

Feldwiesenstrasse 20
9450 Altstätten / Switzerland
T +41 71 757 53 00
F +41 71 757 53 01
info.ch@coltene.com

 **COLTENE**