

# elements™ IC

## Obturation System

The new cordless elements™IC is the latest complete and reliable obturation system that combines a Downpack heat source with a Backfill extruder.

Get excellent, predictable results faster and easier: rely on its longer lasting battery (compared to elementsfree)\*, inductive charging, and a comfortable, ergonomic design.

	Main competitor	elements™IC
<b>Battery</b>		
Battery Life	Up to 5 procedures	★ 16 canals (at devices default temperature, using recommended settings)
Battery Replacement	Battery not removable by the user	★ Battery removable with a screw driver
Battery Charge Time	5 hours	★ The battery fully charges in less than 3 hours
<b>Connection</b>		
Connection Base HPs	Pogo pins	★ Inductive Charging
<b>Handpieces</b>		
Gutta Percha Level Indicator	Yes 3 levels	★ Yes - 5 levels
Backfill length	21.5 cm	★ 20.5 cm
Grip	Not ergonomic	★ Ergonomic grip
<b>Cartridge</b>		
Cartridge Lock In	Difficult to remove after you bend it	★ Very easy to insert /remove

\*Data on File.

System and accessories order information and specifications

Reorder Code	Description
973-0600-TYPEF	elementsIC Obturation System (EU)
973-0600-TYPEG	elementsIC Obturation System (UK)
973-0610	Dual Charger, elementsIC
973-0612	Single Charger, elementsIC
973-0615	Transformer, elementsIC
973-0616 -TYPEF	Power Cord, Type F (EU)
973-0616 -TYPEG	Power Cord, Type G (UK)
973-0620	Battery, elementsIC

# Dental Excellence in every area



## Practice equipment

KaVo treatment units and lights, dental chairs, patient communication system, dental microscope and additional operatory accessories



## Instruments

Dental straight handpieces and contra-angles, turbines, air polishing systems and small equipment for all application areas including diagnosis, prophylaxis, restorative, surgery, endodontics and instrument care



## Imaging

Intraoral X-ray equipment, sensors and imaging plate systems, panoramic and cephalometric in combination with CBCT, as well as dedicated CBCT devices for every indication in dentistry



## Restoratives

Dental bonding agents, composites, curing lights, dental impression materials, permanent dental cements, liners and matrix systems as well as products for finishing and polishing as well as for dental restorations and alloys



## Endodontics

Solutions for diagnosis, shaping irrigation and obturation/filling. Plus suitable endodontic and ultrasonic products



## Prevention

Prophy pastes, cups and brushes, dental lip retractor and trays, splash and X-ray protection, barriers for dental practice, X-ray holders, perio instruments, dental air/water syringe tips, sterile examination instruments, surface disinfectants, dental instrument reprocessing, dental office organization, and implant prophylaxis

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**Kavo Kerr transforms your Endo  
and takes it to the next level**  
Just Endo it! Now you are In Control

## elements™ IC

Obturation System



Introducing the latest cordless elements™IC obturation system, the reliable companion for accurate, fast and excellent clinical outcomes.



### Easy to use

feel free and comfortable without wires



### Ergonomic

comfortable and balanced grip



### Inductive Charging:

no electrical connectors between handpieces and base



### At least 16π on a single charge of the Backfill

at device default temperature, using recommended settings (more than double compared to elementsfree)\*



### 3D fill

high-quality 3D obturation of the root canal system



### Less idle time thanks to faster extrusion

(compared to elementsfree)\* control how fast you want the Gutta Percha to flow out of the cartridge



### Compatible with most common cleaning solutions

handpieces are easy to clean with no electronic connections

3h



### Full charge less than 3 hrs

get ready faster



### Easy to replace battery

control your battery with a simple and fast operation



# Downpack

The Downpack device provides fast heating of the heat plugger with precisely controlled temperature and timing, making it suitable for single-motion downpack obturation of the apical portion of the root canal.

- **Total control of the procedure:**  
adjustable heating range from 140°C to 400°C
- **Ready when you are:**  
heats to 200°C in less than 0.5 seconds
- **Comfort without compromises:**  
360° activation ring



Downpack order information and specifications

Reorder Code	Description
973-0602-TYPEF	Downpack Unit, elementsIC (EU)
973-0602-TYPEG	Downpack Unit, elementsIC (UK)

## Downpack and Backfill common features

- Same screen
- Same digital interface
- Same controls
- Organic Light Emitting Diode display (OLED)

# Backfill

The ergonomic Backfill device features a motorized extruder system for precise temperature and speed control for a 3D obturation of the root canal system, utilizing single-use gutta percha cartridges.

- **Plan and control your procedure:**  
gutta percha level indicator
- **Cinicians' comfort:**  
aerogel insulation surrounds the heating element
- **Control the gutta percha flow:**  
customizable motor speed for a reduced extrusion time\*
- **Adjustable temperature range:**  
from 100°C to 230°C
- **Reduced extrusion time**  
at least 20% compared to elementsfree\*

Indicator	4	3	2	1	0
Gutta Percha Level	Full	75%	50%	25%	Empty

The indicator estimates how many canals you can obturate with the material left in the GP cartridge

360° activation ring

Mode Button: toggle through the presets

Reverse button to retract the piston

Configurable motor speed

**X1:** elementsfree speed

**X2:** double speed compared to elementsfree for faster extrusion



Backfill order information and specifications

Reorder Code	Description
973-0604-TYPEF	Backfill Unit, elementsIC (EU)
973-0604-TYPEG	Backfill Unit, elementsIC (UK)

- Same, easy to replace battery
- Temperature display
- Volume control: 6 levels
- Preset temperatures for gutta percha and custom setting