

EQ-V

Easy and convenient cordless obturator
with innovative cartridge



Your Choice for Continuous Wave Obturation!

The new EQ-V system by META BIOMED
for the most reliable, convenient and
precise root canal obturation. Find out
more inside!





The EQ-V System – Precision, Convenience, Innovation



EQ-V Pack

- Intuitive handling for smooth, controlled filling
- Soft yet durable needle
- 360° activation ring button for mandible and maxilla



EQ-V Fill

- Ergonomic, lightweight design for maximum comfort
- Long battery life
- Easy to use, outstanding performance

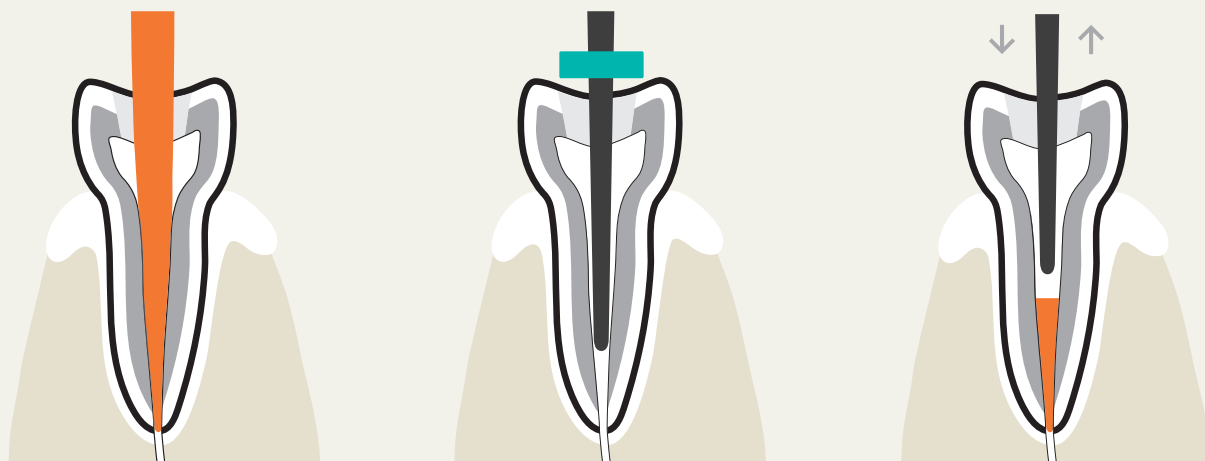


EQ-V Cartridge

- Innovative 360° rotating cartridge system for unparalleled access and precision
- Easily replaceable and disposable



Obturation Sequence – Fast, reliable and dense filling



1
Fit a master cone that matches the size and taper of the canal being obturated and trim the tip to 0.5 mm short of the working length.

2
Select an EQ-V Pack Tip to reach a depth 4–6 mm short of the working length.

3
Coat the bottom 3 mm of the master cone with sealer and insert it into the root canal. Remove excess gutta-percha using the EQ-V Pack Tip to 4–6 mm short of the working length. Condense the gutta-percha with a hand plugger to completely obturate the apical area and accessory canals.



4
Insert the EQ-V Fill's cartridge into the root canal and wait 5 seconds for it to heat.

5
Slowly pull on the trigger to back-fill the root canal with gutta-percha to the canal orifice.

6
Condense the hot gutta-percha with a hand plugger to achieve complete obturation of the root canal.



Clinical Cases: Gutta-percha obturation with EQ-V



Before

After

Before

After

Before

After

Courtesy of
Dr Jenner O. Argueta

Courtesy of
Dr Álvaro Barrios Angulo

Courtesy of
Dr Walter Vargas Obando

EQ-V Specifications

Charger	Input	100–240 V
	Output	DC 9V, 2.0 A
EQ-V Fill	Heater	DC 3.8V, 8W
	Heating Time	35 seconds
EQ-V Pack	Heating Time	1 second
Operating Time	Fill	Continuous for 1.5 hours
	Pack	Continuous for 1.5 hours
Battery (Li-ion type)	Li-ion	UR18500FK (SANYO) 3.7 V, 1700 mAh
	Charging Time	3 hours



EQ-V Contents

Part Number	Description	FILL (R)	FILL (D)	PACK	Battery	Single Charger	Dual Charger	Pack Tip	Cartridge-R (6ea/pack)	Cartridge-D (10ea/pack)	GP Bar (100ea)	Multi-tool	Brush	AC Adapter
EQV026	EQ-V Full Kit (R)	1		1	3		1	2 (F,FM)	1 pack (25G)		1	1	1	1
EQV028	EQ-V Full Kit (D)		1	1	3		1	2 (F,FM)		1 pack (25G)		1	1	1
EQV027	EQ-V Fill Kit (R)	1			2	1			1 pack (25G)		1	1	1	1
EQV029	EQ-V Fill Kit (D)		1		2	1				1 pack (25G)		1	1	1
EQV022	EQ-V Pack Kit			1	2	1		2 (F,FM)						1

R = Refillable | D = Disposable

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