

# 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

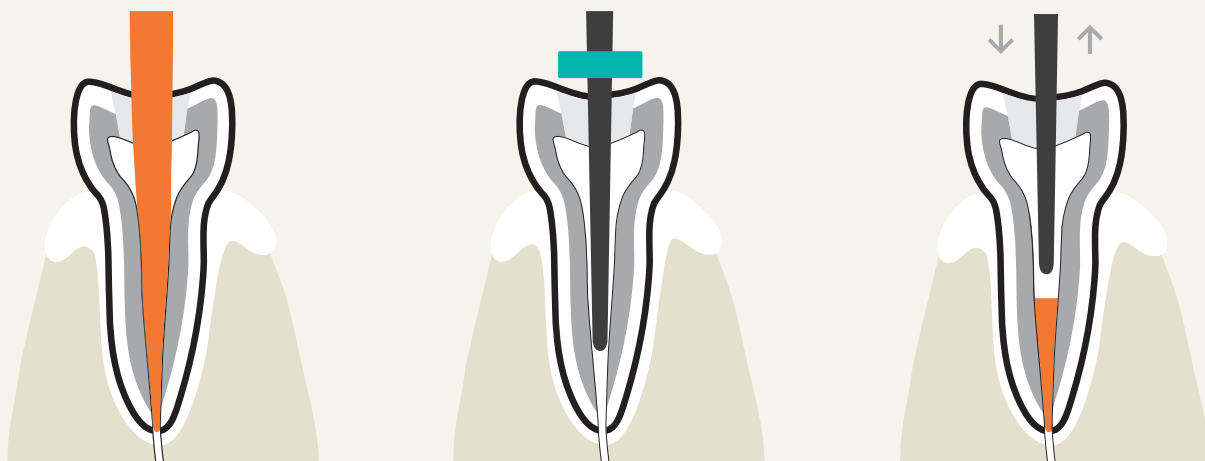
- Ergonomic, lightweight design for maximum comfort
- Long battery life
- Easy to use, outstanding performance



## EQ-V Cartridge

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

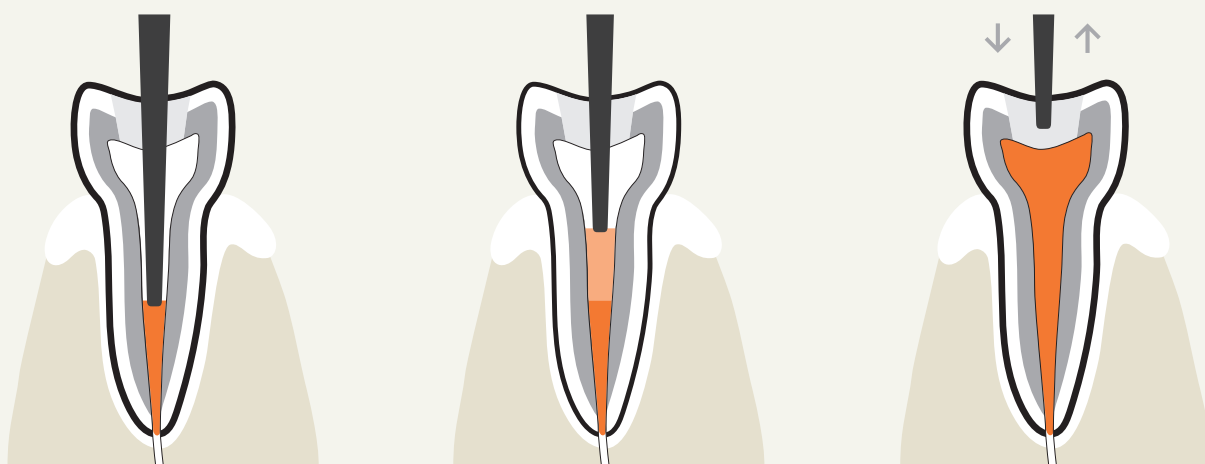
# Obturation Sequence – Fast, reliable and dense filling



**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

|                                 |               |   |
|---------------------------------|---------------|---|
| <b>Charger</b>                  | Input         | 100–240 V                                     |
|                                 | Output        | DC 9V,1.8 A                                   |
| <b>EQ-V Fill</b>                | Heater        | DC 3.8V, 8W                                   |
|                                 | Heating Time  | 35 seconds                                    |
| <b>EQ-V Pack</b>                | Heating Time  | 1 second                                      |
| <b>Operating Time</b>           | Fill          | Continuous for 1.5 hours                      |
|                                 | Pack          | Continuous for 1.5 hours                      |
| <b>Battery</b><br>(Li-ion type) | Li-ion        | ICR 18650-26 (Samsung SDI)<br>3.8 V 2, 400 mA |
|                                 | Charging Time | 3 hours                                       |



## EQ-V Contents

| Part Number | Description       | FILL (R) | FILL (D) | PACK | Battery | Single<br>Charger | Dual<br>Charger | Pack Tip | Cartridge-R<br>(6ea/pack) | Cartridge-D<br>(10ea/pack) | GP Bar<br>(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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