

## ENDO-MATE TC2 Reduction Heads



**16 : 1** MODEL **MP-F16R** ORDER CODE **Y110096**

**10 : 1** MODEL **MP-F10R** ORDER CODE **Y110048**

- For Ni-Ti files (ø2.35)
- Miniature Head
- Push Button Chuck



**16 : 1** MODEL **MPA-F16R** ORDER CODE **Y110097**

- Connection for Apex locator
- For long shank Ni-Ti files (ø2.35)
- Miniature Head • Push Button Chuck



**16 : 1** MODEL **MPAS-F16R** ORDER CODE **Y110098**

- Connection for Apex locator
- For short shank Ni-Ti files (ø2.35)
- Miniature Head • Push Button Chuck

## ENDO-MATE TC2 Complete Sets

### ENDO-MATE TC2 Complete Sets

MODEL **ENDO-MATE TC2 (120V)** ORDER CODE **Y1001036**

MODEL **ENDO-MATE TC2 (230V)** ORDER CODE **Y1001027**

- Contents : • **MP-F16R Head** • **ENDO-MATE TC2 Motor**  
• **Battery Charger**

### ENDO-MATE TC2 Complete MPA Sets

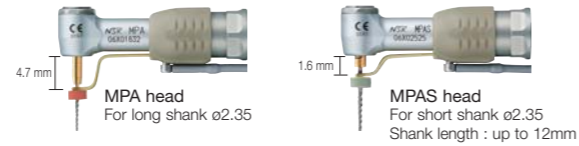
MODEL **ENDO-MATE TC2 MPA (230V)** ORDER CODE **Y1001028**

- Contents : • **MPA-F16R Head** • **ENDO-MATE TC2 Motor**  
• **Battery Charger**

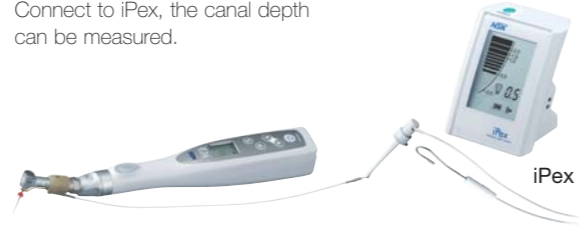
## Apex Locator Capability

MPA and MPAS heads are equipped with built in probe ring which enable to use your Apex locator with the ENDO-MATE TC2 system. By combining an Apex Locator with NSK ENDO-MATE TC2, clinicians will be able to perform more accurate root canal preparations. All contra angle heads are autoclavable up to 135°C.

2 types of file holders are available relevant to the shank length of the file selected.



Connect to iPex, the canal depth can be measured.



## ENDO-MATE TC2 Motor



MODEL **ENDO-MATE TC2 Motor** ORDER CODE **E346**

- Motor Speed : 2,000~9,000 min<sup>-1</sup>
- Torque Control • Auto Reverse

### Parts

MODEL **Ni-MH Rechargeable Battery** ORDER CODE **Y900103**

- Pack of 2

\*Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride).  
Never attempt to use a non rechargeable battery.



The heads can be washed in the thermodisinfectant



The heads are autoclavable up to 135°C

# NSK

## CORDLESS ENDODONTIC HANDPIECE

# ENDO-MATE TC2

# smarter and safer



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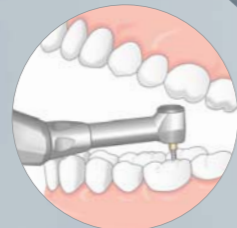
# ENDO-MATE TC2

## Work Smarter and Safer with Freedom of Movement

A large LCD, simple 5-key operation and a lightweight, cordless handpiece assure easy use even during the most delicate endodontic procedures. The Auto Reverse & Alarm Function alerts you with an audible sound to let you know that the load is about to reach the preset torque level allowing you to unload the file even before the Auto Reverse is setting in. 5 programs for different file systems. TC2 supports most major brands of Ni-Ti files.

### Slim for clearer sight

- Miniature head allows access even to the most difficult to reach areas
- Slim neck assures higher visibility



▲ Clinical image

■ ON/OFF Key

### Speedy for efficient treatment

- User definable 5 presets – Speed, Torque, Gear Ratio & Auto Reverse mode
- Last program settings can be memorized when the power turns on

▼ Program Setting Panel



Rotation speed      Torque      Gear ratio

### Suitable for use with most major brands of Ni-Ti files

Selecting gear ratio attachment applies the entire rotation and torque.

| Rotation Speed (min <sup>-1</sup> ) | Gear Ratio | Torque Level (Ncm) |
|-------------------------------------|------------|--------------------|
| 200 ~ 900                           | 10 : 1     | 0.2 ~ 2.2          |
| 140 ~ 550                           | 16 : 1     | 0.3 ~ 3.0          |
| 100 ~ 450                           | 20 : 1     | 0.4 ~ 4.0          |

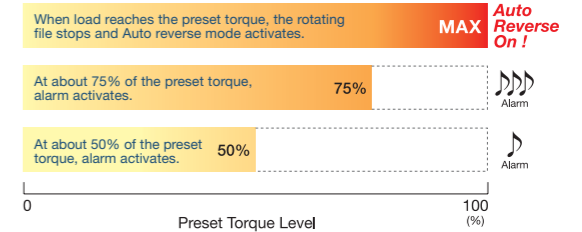
### Safety for delicate endodontic treatment

- Smart Auto Reverse & Alarm Function for safer endodontic procedures
- The feedback circuit keeps stable rotation even when the load on the motor handpiece changes
- Power turns off automatically to improve safety and save energy
- Calibration function for more precise rotation speed and torque setting

\*This function cannot completely absorb the individual difference of the actual motor handpiece and contra-angle.

### Two kinds of alarm sound for safer and efficient treatment

Alarm enables operators to prevent to put too much burden on files, realizing less metal fatigue.



### Large LCD Panel and Access-friendly Key

Good user interface design

- Ⓢ **Select Key**  
To change Speed, Torque and Gear Ratio setting
- Ⓟ **Program Key**  
Up to 5 following parameters can be set : Speed, Torque, Gear Ratio and Auto Reverse setting
- ⬆️ **Up / Down Key**  
To adjust the set value for each parameter
- Ⓜ️ **Power Key**

### Stress free for more comfort

- Cordless handpiece delivers freedom of movement
- Lightweight, ergonomic design

### Non-contact Type

90min. quick charge and prevents improper charging due to deterioration of metallic terminal.