

ENDO-MATE TC2 Reduction Heads



16 : 1 MODEL **MP-F16R** ORDER CODE **Y110-096**

10 : 1 MODEL **MP-F10R** ORDER CODE **Y110-048**

20 : 1 MODEL **MP-F20R** ORDER CODE **Y110-044**

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



16 : 1 MODEL **MPA-F16R** ORDER CODE **Y110-097**

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



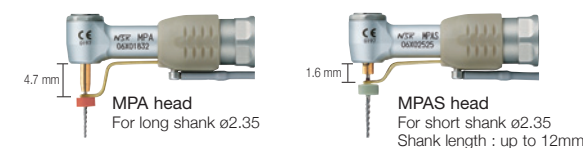
16 : 1 MODEL **MPAS-F16R** ORDER CODE **Y110-098**

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

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 max 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⁻¹
- Torque Control • Auto Reverse

Parts

MODEL **Ni-MH Rechargeable Battery** ORDER CODE **Y900-103**

- Pack of 2

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



ENDO-MATE TC2 Complete Packs

ENDO-MATE TC2 Complete Pack

MODEL **ENDO-MATE TC2 (120V)** ORDER CODE **Y100-1036**

MODEL **ENDO-MATE TC2 (230V)** ORDER CODE **Y100-1027**

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

ENDO-MATE TC2 Complete MPA Pack

MODEL **ENDO-MATE TC2 MPA (230V)** ORDER CODE **Y100-1028**

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



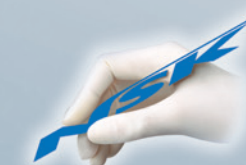
135°C
All contra angle heads are autoclavable up to max 135°C

NSK

CORDLESS ENDODONTIC HANDPIECE

ENDO-MATE TC2

smarter and safer



Powerful Partners®

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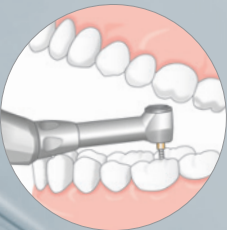
ENDO-MATE TC2

Work Smarter and Safer with Freedom of Movement

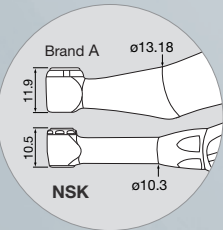
A large LCD, simple 5-key operation and a lightweight, cordless handpiece assure easy use even during the most delicate endodontic procedures. The Auto Reverse & Alarm Function alerts you with an audible sound to let you know that the load is about to reach the preset torque level allowing you to unload 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



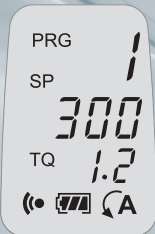
Size comparison

ON/OFF Key

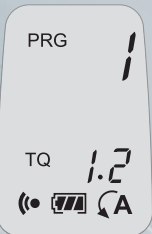
Speedy for efficient treatment

- 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 ⁻¹)	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

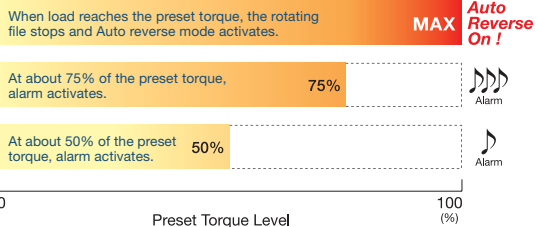
Safety for delicate endodontic treatment

- 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.