

ENDO-MATE DT Standard Pack



ENDO-MATE DT Standard Pack

MODEL	ORDER CODE
ENDO-MATE DT (120V)	Y141-120
ENDO-MATE DT (230V)	Y141-121

- Control unit
- Motor and cord
- MP-F20R head (20:1)
- AC adaptor

ENDO-MATE DT Standard Pack Without Head

MODEL	ORDER CODE
ENDO-MATE DT W/O (120V)	Y141-123
ENDO-MATE DT W/O (230V)	Y141-124

- Control unit
- Motor and cord
- AC adaptor
- *EndoMate DT pack without Head

Specifications

- Power supply: AC120V or 230V 50/60 Hz and Battery pack
- Number of Program: 9 *Max Torque: 7Ncm (when using 20:1 head)
- Speed range: 100~13,000min-1 (with 20:1, 4:1, 1:1 geared heads)
- Charge/Continuous use: 5h/2h (depending on workload)
- Dimensions: W92xD148xH124mm
- Weight: Unit 456g / Motor handpiece & cord 92g

ENDO-MATE DT FROM NSK ENDO MICROMOTOR WITH TORQUE CONTROL



smart & portable

[Push type]



MODEL	ORDER CODE
○ MP-F20R	Y110-044
● MP-F4R	Y110-047

- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)



MODEL	ORDER CODE
○ MPA-F20R	Y110-045
● MPA-F4R	Y110-051

- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)
- Connection for Apex locator



MODEL	ORDER CODE
○ MPAS-F20R	Y110-046
● MPAS-F4R	Y110-052

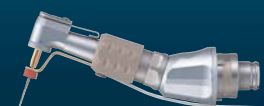
- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)
- Connection for Apex locator

[Latch type]



MODEL	ORDER CODE
○ NML-F20R	Y110-053
● NML-F4R	Y110-018

- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)



MODEL	ORDER CODE
○ NMA-F20R	Y110-054
● NMA-F4R	Y110-033

- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)
- Connection for Apex locator



MODEL	ORDER CODE
○ NMA-F20R	Y110-055
● NMA-F4R	Y110-056

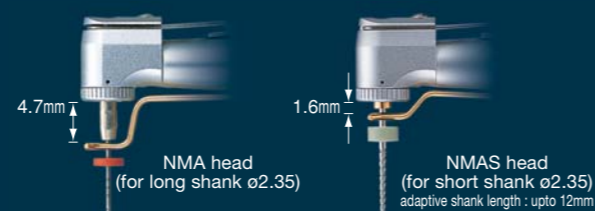
- Miniature Head
- 360° Rotation
- 20:1 / 4:1 Reduction
- For Ni-Ti files (ø2.35)
- Connection for Apex locator

The icons shown beside each of the models indicates the reduction gear ratio of the head. All heads pictured in this brochure are the 20:1 model type. White = 20:1 Reduction Green = 4:1 Reduction

Probe the depths

NMA(NMAS) and MPA(MPAS) heads are equipped with built in probe ring so that you can use your Apex locator with the ENDO-MATE DT system. When combining an Apex Locator with our ENDO-MATE DT, doctors will be able to perform safer and more accurate root canal preparations than ever before. All heads are autoclavable to 135°C.

[2 types of file holder]
2 types of file holder are available depending on the shank length of the file selected.



MODEL	PRODUCTS	ORDER CODE
ENDO-MATE DT Unit (120V) ENDO-MATE DT Unit (230V)		U421-002
Motor & Handpiece		E275
Adaptor (120V) Adaptor (230V)		U479-001 U480-001
Handpiece Stand		Z095-206
Foot Control		Z248



Powerful Partners®



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ENDO-MATE DT

ENDO-MATE DT has been developed for use with all brands of NiTi files. The preprogramming function allows highly efficient treatments using different file manufacturer's procedures. The control unit has been designed to be lightweight and compact and is fitted with a rechargeable battery providing high mobility. The lightweight and slim handpiece allows high performance.

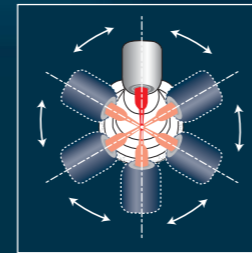


Features of ENDO-MATE DT

1. Fits all popular brands of NiTi files.
2. Torque control, with an auto-reverse function
3. Desktop type in compact sized unit.
4. Wide screen provides high visibility
5. Flat control panel allows simple user friendly operation.
6. 2 way power source (AC cord / rechargeable battery pack)
7. Lightweight, smart and comfortable handpiece.
8. Handy on/off switch

Lightweight, smart and comfortable handpiece.

6 position adjustable head system



The head direction can be set in 6 positions. The most convenient position can be selected for any clinical site and this feature also gives the user the most comfortable access to the on / off switch according to preference.

Handy ON/OFF switch

Handy ON/OFF switch has 2 functions.

- A: Push and release - the micromotor will rotate continuously until the button is pushed again.
- B: Push and do not release the button - the micromotor will rotate continuously until the button is released.



Push type Ultra miniature head

Ultra miniature head provides high visibility at the clinical site.

Quick Joint



Quick Joint system allows for easy head exchange. All heads are autoclavable to 135°C.

Fits all popular brands of Ni-Ti files.

Up to 9 settings (speed and torque etc) can be programmed simply by pushing the memory function button.

It's easy to switch between each preset program allowing work with all popular NiTi file manufacturer's required procedures.

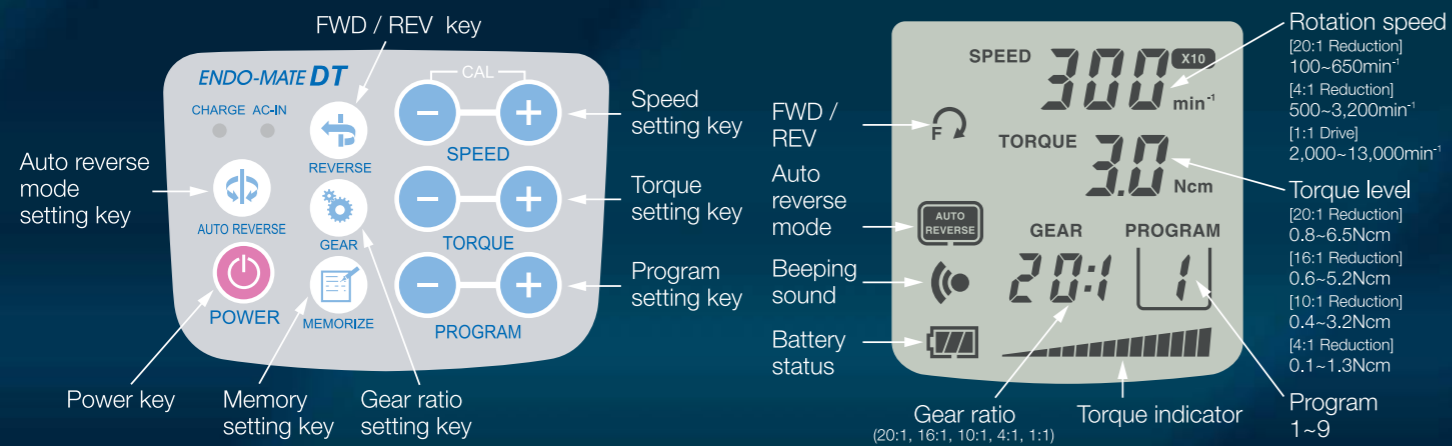
Gear	Head Speed(min⁻¹)
20:1	100-650
4:1	500-3,200
1:1	2,000-13,000

2 way power source

ENDO-MATE DT has been designed to work with a rechargeable battery for portable use or can be powered using the AC adaptor supplied.

Flat control panel allows simple user friendly operation

Wide screen provides high visibility



Auto reverse function

The auto reverse function activates when the preset torque level has been exceeded and can be set to operate in the following modes:-

[Continue automatically]
The motor reverts to forward rotation after auto reverse has freed the file.

[Stop automatically]
The motor stops after auto reverse has freed the file.

Alternatively, the auto reverse function can be deactivated.

2 way ON/OFF switch



Motor ON/OFF operation is selected with handy switch located on the handpiece body or foot controller according to user's choice. (Foot controller is optional).

Other functions

- Beeping sound notifies user when preset torque limit has been exceeded.
- Auto power OFF function (after 10 mins inactive.)
- Battery status is shown on the screen.