

Endodontics

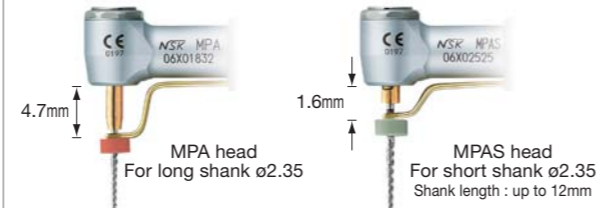
MODEL	ORDER CODE
○ MP-F20R ● MP-F16R	Y110-044 Y110-096
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 20:1 / 16:1 Reduction • For Ni-Ti files (ø2.35) • Push Button Chuck 	
○ MPA-F20R ● MPA-F16R	Y110-045 Y110-097
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 20:1 / 16:1 Reduction • For Ni-Ti files (ø2.35) • Connection for apex locator • Push Button Chuck 	
○ MPAS-F20R ● MPAS-F16R	Y110-046 Y110-098
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 20:1 / 16:1 Reduction • For Ni-Ti files (ø2.35) • Connection for apex locator • Push Button Chuck 	
NML-F16R	Y110-019
<ul style="list-style-type: none"> • Miniature Head • 16:1 Reduction • For Ni-Ti files (ø2.35) 	

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 Gray = 16:1 Reduction

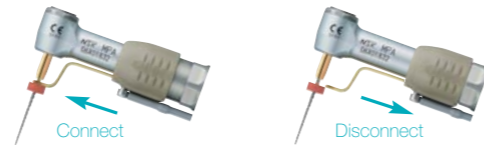
Apex Locator Capability

MPA and MPAS heads are equipped with built in probe ring so that you can use your Apex locator with the ENDO-MATE DT & TC systems. By combining an Apex Locator with NSK ENDO-MATE DT & TC, clinicians will be able to perform more accurate root canal preparations. All heads are autoclavable at 135°C max.

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



Attach the Apex Locator Monitor by moving it forward to contact the file. Release by moving away from the file.



Prophylaxis

ARS-F4R	Y110-017	<ul style="list-style-type: none"> • Prophy head • For screw-in cups • 4:1 Reduction
ARK-F4R	Y110-022	<ul style="list-style-type: none"> • Prophy head • For snap-on cups • 4:1 Reduction
NAC-F4R	Y110-020	<ul style="list-style-type: none"> • Prophy head • 4:1 Reduction • Latch type • For CA bur (ø2.35)
TEQ-F4R	Y110-030	<ul style="list-style-type: none"> • Prophy head • 90° Reciprocating action • 4:1 Reduction • Push button chuck • For CA bur (ø2.35)
EVA-F	Y110-016	<ul style="list-style-type: none"> • For Eva tips • Vertical Reciprocating • 1:1 Direct Drive
PR-F	H209	<ul style="list-style-type: none"> • For Disposable Prophy Angles • 4:1 Reduction

*Disposable prophy angles are not available from NSK.

ENDO-MATE TC Motor	E249	<ul style="list-style-type: none"> • Motor speed 2,000-10,000 min⁻¹ • With Torque Control System • Auto Reverse Function
TASKAL Wizard Motor	E229	<ul style="list-style-type: none"> • Motor speed 2,000-10,000 min⁻¹
NE140 (120V) NE140 (230V)	Y140-987 Y140-988	<ul style="list-style-type: none"> • Recharging time : 1.5 hour • Usable for both Taskal Wizard and ENDO-MATE TC
Ni-MH Rechargeable Battery	Y900-103	<ul style="list-style-type: none"> • 2 pcs. • Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride). • Never attempt to use a non rechargeable battery.

135°C Autoclavable at 135°C max.

* Above heads are not usable with ENDO-MATE 2 and TASKAL 7.

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Specifications are subject to change without notice.

PR-D204E Ver.6 08.03.05.Y

NSK

ENDO-MATE TC & TASKAL WIZARD FROM NSK
MULTI-PURPOSE CORDLESS HANDPIECES

ENDO-MATE TC
TASKAL Wizard

precision technology-in action



Powerful Partners®

Compact and Lightweight Cordless Handpiece with Fine Torque Control

Dual Function ON / OFF Switch

- A :** Push and release
The micromotor will rotate continuously until the button is pushed again.
- B :** Push and hold
The micromotor will rotate continuously until the button is released.

Motor function switches on the upper body section are easily read and operated to enable the precise use of the unit.



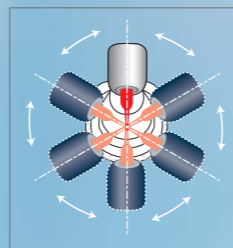
One and a half hours quick charge allows continuous operation for an hour.*

Compact and lightweight handpiece fits comfortably in any hand sizes.

Quick release system allows for easy head exchange. Compact head allows excellent visibility of the treatment spot.



Depending on the position of treatment site, the head angle can be adjusted.



Adjustable 6 head angles

Torque Control & Auto Reverse Function (only ENDO-MATE TC)

The Auto Reverse function is activated when the micromotor overloads against the preset fine torque. The motor reverts to forward rotation after auto reverse has freed the file. Five torque settings are available. The auto reverse function can be programmed to "Stop" following auto reverse activation.

9 Speed Step Settings

The rotation speed can be selected from 9 speed ranges for each gear ratio attachment.

Gear Ratio	Head Speeds min ⁻¹								
1:1	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000
4:1	500	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500
16:1	125	190	250	310	375	440	500	560	625

Speeds indicated above correspond to micromotor speed selected.

*ENDO-MATE TC and TASKAL Wizard are equipped with two AAA Ni-MH (Nickel Metal Hydride) rechargeable batteries. Electric power consumption varies depending on workload.

ENDO-MATE TC

TORQUE CONTROL & AUTO REVERSE

Endodontics & Prophylaxis 125~10,000min⁻¹

With 5-level torque settings and 9 preset speed controls, ENDO-MATE TC introduces convenience of cordless operation without a cumbersome cord. It can be used for a wide range of treatment types including endodontics and prophylaxis. When used with NSK Apex Locator and new MPA-F16R head, ENDO-MATE TC offers auto depth probing function, helping a clinician to perform safer and more accurate root canals.



ENDO-MATE TC Complete Pack

MODEL	ORDER CODE
ENDO-MATE TC (120V)	Y141-161
ENDO-MATE TC (230V)	Y141-163

Contents

- ENDO-MATE TC motor
- MP-F16R head
- NE140 charger

ENDO-MATE TC MPA Pack

MODEL	ORDER CODE
ENDO-MATE TC MPA Pack (120V)	Y141-212
ENDO-MATE TC MPA Pack (230V)	Y141-213

Contents

- ENDO-MATE TC motor
- MPA-F16R head
- NE140 charger



Level	Torque
MAX*	4.5 N-cm
5	3.7 N-cm
4	3.0 N-cm
3	2.3 N-cm
2	1.5 N-cm
1	0.7 N-cm

*When Torque control function is deactivated.

TASKAL Wizard

Without Torque Control
Prophylaxis 500~10,000 min⁻¹

Developed by incorporating ideas and opinions of dental hygienists, TASKAL Wizard is a rechargeable-battery-driven micromotor for prophylaxis procedures. Its slim, lightweight and well-balanced body design offers excellent operability and comfort in use, helping to reduce hands fatigue in prolonged prophylaxis procedures. TASKAL Wizard delivers smooth and powerful torque with 18 selectable speed settings.



TASKAL Wizard Complete Pack

MODEL	ORDER CODE
TASKAL Wizard (120V)	Y140-981
TASKAL Wizard (230V)	Y140-982

Contents

- TASKAL Wizard motor
- ARS-F4R head
- NE140 charger

TASKAL Wizard Complete Pack Without Head

MODEL	ORDER CODE
TASKAL Wizard W/O (120V)	Y140-975
TASKAL Wizard W/O (230V)	Y140-976

Contents

- TASKAL Wizard motor
- NE140 charger



*ENDO-MATE TC and TASKAL Wizard are equipped with two AAA Ni-MH (Nickel Metal Hydride) rechargeable batteries. Electric power consumption varies depending on workload.