

Endodontics

MODEL	ORDER CODE
<ul style="list-style-type: none"> ○ MP-F16R ● MP-F4R 	<ul style="list-style-type: none"> Y110-096 Y110-047
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 16:1 / 4:1 Reduction • For Ni-Ti files (ø2.35) 	
<ul style="list-style-type: none"> ○ MPA-F16R ● MPA-F4R 	<ul style="list-style-type: none"> Y110-097 Y110-051
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 16:1 / 4:1 Reduction • For Ni-Ti files (ø2.35) • Connection for apex locator 	
<ul style="list-style-type: none"> ○ MPAS-F16R ● MPAS-F4R 	<ul style="list-style-type: none"> Y110-098 Y110-052
<ul style="list-style-type: none"> • Miniature head • 360° Rotation • 16:1 / 4:1 Reduction • For Ni-Ti files (ø2.35) • Connection for apex locator 	
<ul style="list-style-type: none"> NML-F16R 	<ul style="list-style-type: none"> 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 16:1 model type. White = 16:1 Reduction Green = 4:1 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]
2 types of file holders are available relevant to the shank length of the file selected.

MPA head For long shank ø2.35
MPAS head For short shank ø2.35 Shank length : up to 12mm

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

Connect Disconnect

Prophylaxis

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

*Disposable prophy angles are not available from NSK. Please contact a dealer who sells disposable prophy angles.

*Above heads are not usable with Endo-Mate 2 and Taskal 7.



ENDO-MATE TC Motor E249

- Motor speed 2,000~10,000 min⁻¹
- With Torque Control System
- Auto Reverse Function



TASKAL Wizard Motor E229

- Motor speed 2,000~10,000 min⁻¹



NE140 (120V) Y140-987
NE140 (230V) Y140-988

- Recharging time : 1.5 hour
- Usable for both Taskal Wizard and ENDO-MATE TC

Ni-MH Rechargeable Battery Y900-103

- 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.

NSK

MULTI-PURPOSE CORDLESS HANDPIECES

ENDO-MATE TC TASKAL Wizard

precision technology-in action



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Compact and Lightweight Cordless Handpiece with Fine Torque Control



ENDO-MATE TC

TORQUE CONTROL & AUTO REVERSE
 Endodontics & Prophylaxis 125~10,000min⁻¹

NSK introduces a single cordless micromotor with the capability of delivering 5 torque settings from delicate torque for fine endodontic applications through powerful torque for general procedures including prophylaxis. 9 speed ranges allow the operator to easily select the required speed setting for any application. When the 16:1 reduction head is attached, the speed ranges from 125 min⁻¹ to 625 min⁻¹. For endodontic procedures, the "TC" button automatically activates the fine torque control and auto reverse functions.



ENDO-MATE TC Complete Pack

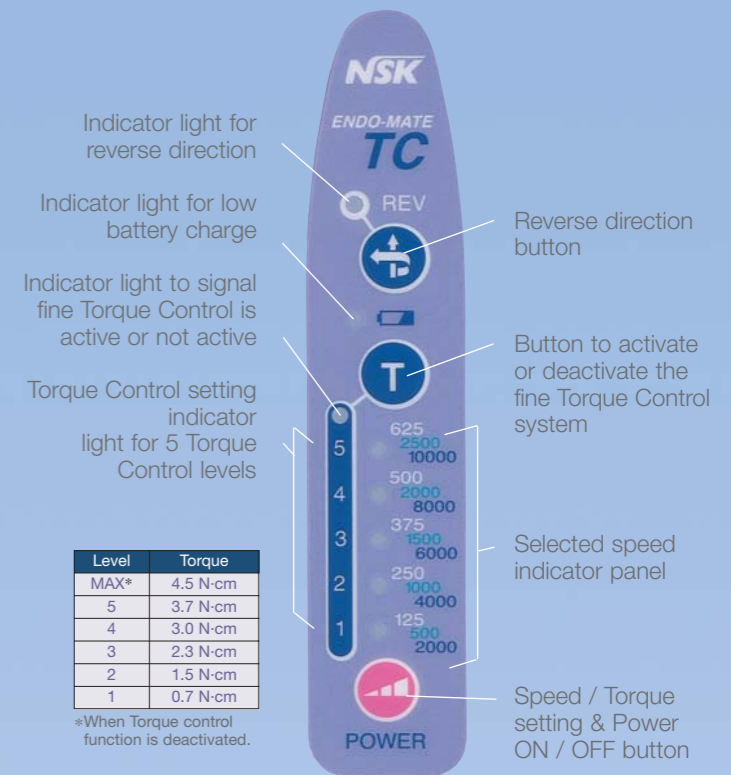
MODEL	ORDER CODE
ENDO-MATE TC (120V)	Y141-161
ENDO-MATE TC (230V)	Y141-163

- 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



TASKAL Wizard

Without Torque Control
 Prophylaxis 125~10,000 min⁻¹

TASKAL Wizard maintains the same cordless micromotor features as the ENDO-Mate TC without the fine Torque Control. Simple to operate and adaptable to all hand sizes, the TASKAL Wizard Micro Chip technology offers smooth, powerful and precisely delivered torque and 9 speed settings.



TASKAL Wizard Complete Pack

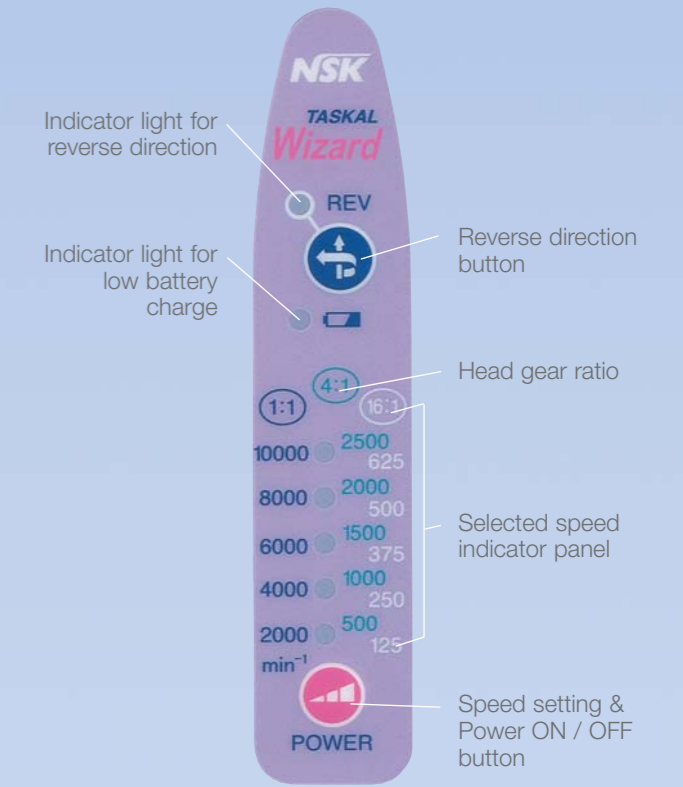
MODEL	ORDER CODE
TASKAL Wizard (120V)	Y140-981
TASKAL Wizard (230V)	Y140-982

- 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



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 and can be selected by the operator. 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.