

► **MAXIMA NEO Series**

A more powerful model called "MAXIMA NEO" has been joined to the MAXIMA Series. With the new design, the powered-up model has further evolved and as new functions, a Digital Rotation Speed Display Function and a convenient Pause Function are standard equipment. With its excellent Dustproof Function and Rotational Accuracy, it can perform not only precision work such as dental laboratory, jewelry, and wood carving, but also various mold polishing and deburring powerfully.

**MOA35ST**

MAXIMA NEO PHP35 SET

\* Diameter of collet chuck (2.35 / 3.0 / 3.175 mm) are available. When ordering, please advise us which size should be installed into hand piece.

This is the Standard type of Maxima NEO series. Handpiece weight is 200 grams.

■ Package contents

- DC motor hand piece ..... PHP35
- MAXIMA NEO controller ..... NSC90
- Variable Foot Controller..... TPF100
- Hand piece stand ..... TRC04
- Carbon brushes
- Chuck wrench & Chuck joint wrench

MAXIMA NEO Controller + PHP35 Brush type motor hand piece  
Max. Rotation speed is 35,000 rpm  
Max. Torque output is 6.5 Ncm  
Hand piece weighs just 200 grams



Max 35,000 min<sup>-1</sup>

**MOA40ST**

MAXIMA NEO PHP40 SET

\* Diameter of collet chuck (2.35 / 3.0 / 3.175 mm) are available. When ordering, please advise us which size should be installed into hand piece.

This is the Light-weight type of Maxima NEO series. Handpiece weight is 170 grams.

■ Package contents

- DC motor hand piece ..... PHP40
- MAXIMA NEO controller ..... NSC90
- Variable Foot Controller..... TPF100
- Hand piece stand ..... TRC04
- Carbon brushes
- Chuck wrench & Chuck joint wrench

MAXIMA NEO Controller + PHP40 Brush type motor hand piece  
Max. Rotation speed is 40,000 rpm  
Max. Torque output is 6.0 Ncm  
Hand piece weighs just 170 grams



Max 40,000 min<sup>-1</sup>

Lightweight and high-precision handpieces are suitable for a wide range of applications from fine polishing to powerful grinding. The collet chuck uses a convenient one-touch opening / closing method, and the tip tool can be attached / detached without using a special spanner. In addition, the standard foot pedal is a variable type with an upper limit that can be set.



Stepless Control  
Steplessly control the rotation speed of the hand piece.



Overload protection  
Stops and protects the hand piece when the motor is overloaded.



Rotation Direction Change  
One-touch operation to switch between forward and reverse rotation.



Layout free design  
The shape of the MAXIMA NEO controller is square, so it can be placed horizontally or vertically.



Variable Foot Control  
Control the rotation speed of the motor by stepping on.



Quick Chuck System  
Quick chuck system that allows you to attach and detach tip tools with one-touch.

**PHP35**

MAXIMA NEO DC Motor Handpiece

\* Diameter of collet chuck (2.35 / 3.0 / 3.175 mm) is available.



Max 35,000 min<sup>-1</sup>

\* Tip Tool is optional item.

- Max. Torque Output : 6.5Ncm
- Rotation speed : 0~35,000 rpm min
- Motor cord length : 1.5m
- Weight : 200g
- Dimension : φ26 x L 150 mm

**PHP40**

MAXIMA NEO DC Motor Handpiece (Lightweight type)

\* Diameter of collet chuck (2.35 / 3.0 / 3.175 mm) is available.



Max 40,000 min<sup>-1</sup>

\* Tip Tool is optional item.

- Max. Torque Output : 6.0Ncm
- Rotation speed : 0~40,000 rpm min
- Motor cord length : 1.5m
- Weight : 170g
- Dimension : φ26 x L 145 mm

**NSC90**

MAXIMA NEO Controller



- Input Voltage : AC100V/230V 50/60Hz
- Output Voltage : DC3~30V 0.4A
- Dimension : 81(w) x 151(D) x 151(H) mm
- Max. Output power : 50W
- Weight : 2.15 kg

**TPF100**

Variable Foot Controller



- Weight : 500 g
- Cord length : 1.8m
- Dimension : 90(w) x 170(D) x 60 (H) mm

**TRC04**

Hand piece Stand



- Weight : 77 g
- Dimension : 110(w) x 50(D) x 40(H) mm

■ Maintenance parts

These parts are supplied as the standard accessories for PHP35/PHP40.

**PHP35-4-164**

Carbon Brushes Set  
(1 pair = 2 pcs)



**PHP35-301**

Chuck Joint Wrench



**PHP35-300**

Chuck Wrench

