

► **MAXIMA Series**

Micromotor system MAXIMA Series are a very easy-to-use, easy-to-handle as the entry model, and at the same time, it can be used for various purposes as a professional use. Precision work such as wood carving, jewelry etc., and powerful grinding and polishing work such as mold polishing, deburring can also be performed. As for the handpiece, powerful PHP35 with 35,000 rpm and light-weight PHP40 with 40,000 rpm are prepared for MAXIMA Series.

MPS35ST

MAXIMA PS220 + PHP35 SET

MAXIMA PS220 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



* 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 series.
Handpiece weight is 200 grams.

■ Package contents

- DC motor hand piece PHP35
- MAXIMA controller PS220
- Variable Foot Controller..... TPF77
- Hand piece stand TRC02
- Carbon brushes
- Chuck wrench & Chuck joint wrench

MPS40ST

MAXIMA PS220 + PHP40 SET

MAXIMA PS220 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



* 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 series.
Handpiece weight is 170 grams.

■ Package contents

- DC motor hand piece PHP40
- MAXIMA controller PS220
- Variable Foot Controller..... TPF77
- Hand piece stand TRC02
- Carbon brushes
- Chuck wrench & Chuck joint wrench

► **MAXIMA Series**

MAXIMA all purpose micro hand piece PHP35 or PHP40 are craftsman designed and modeled. Controller PS220 is the compact sized, continuously variable speed control. Automatic stop turning on Red light with alarming beep sound and resetting when overloaded.



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



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



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



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



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

PHP35

MAXIMA DC Motor Handpiece

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



* 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×L 150 mm

PHP40

MAXIMA DC Motor Handpiece (Lightweight type)

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



* 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×L 145 mm

PS220

MAXIMA Controller



- Input Voltage : AC100V - 240V 50/60Hz
- Output Voltage : DC3~30V 0.4A
- Dimension : 110(w) x 148(D) x 98(H) mm
- Max. Output Power : 90W
- Weight : 1.6 kg

TPF77

Variable Foot Controller



- Weight : 580 g
- Cord length : 1.8m
- Dimension : 110(w) x 170(D) x 70 (H) mm

TRC02

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

