

Maxima ex Controller | Accessories

Controller

- Built-in microcomputer control enables smooth operation by controlling the torque for each handpiece
- Self-diagnostic function checks the motor and controller for safety issues
- 8-step load indicator allows operator to gauge tool condition and provides caution for longer life
- Digital display for easy rotation speed adjustment
- Auto cruise foot pedal can be used to set rotation speed for continued use
- Mode selection function enables controller to automatically find motor on A or B
- Adjustable volume control signals rotation speed changes and overwork caution
- Error code displays when troubleshooting conditions occur (i.e. overload, defective motor cord, etc.)



ITEM NUMBER	DESCRIPTION
MEX120	50/60Hz SINGLE PHASE , AC 120V
MEX230	50/60Hz SINGLE PHASE , AC 230V

NOTE: Maxima ex Series controller will accept Minitor "D" Handpieces with use of adaptor. Rotation speed will not be indicated on the digital display.

Accessories



ITEM NUMBER

MTRC02

HANDPIECE CRADLE MODEL MTRC02

This molded rubber stand provides a handy non-slip place to "park" any handpiece when not in use. The functional stand is an ideal way to keep your bench top neat, and your handpieces accessible.



ITEM NUMBER

MKE50154

REPLACEMENT HANDPIECE CORD MODEL MKE50154

This straight coiled cord is designed to connect between the handpiece and controller. 1.5 meters



ITEM NUMBER

MVC90

SPEED PEDAL FOOT CONTROL MODEL MVC90

The Foot Control Pedal comes with a fixed rotation option. After setting the speed your foot can be removed from the pedal. For use with new Maxima ex Series Power Pack only.



ITEM NUMBER

MKE50-156

HANDPIECE ADAPTOR MODEL MKE50-156

The new Maxima handpieces can be used with the Minitor D Series Powerpack but the handpiece adaptor is required.

ITEM NUMBER

MMC15536

HANDPIECE MOTOR HANGER MODEL MMC15536

Hanger mounts to the side of the controller and holds the handpiece when not in use



HAND PIECE EXTENSION CORD (not shown) Flexible 3-meter coiled cord connects between any Maxima handpiece and Controller or Ultraform UF5600. **ITEM NUMBER: MKE50155**

Maxima ex Series Rotary Handpieces

Rotary Handpieces

MODELS MEX201, MEX211, MEX121, MEX231, MEX131, MEX051

All handpieces are 2-piece construction with a detachable head. New slim line rotary handpieces are perfectly balanced for ease of handling in even the most difficult jobs. The MEX201 provides super torque for heavy duty applications, while the MEX051 with its speed of 55,000 RPM is ideal for carbide burrs, CBN and diamond tools.

- Quick release 2.35 mm and 3.0 mm collets for rapid tool changing
- Straight cord plug-in for quick replacement (no screws or soldering required)
- Range of 8,000 to 55,000 rpm

ITEM NUMBER
MEX201

Super Torque

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-8,000 rpm
 Max Shaft Output..... 22.3 W
 Max Shaft Torque.....9.8 N/cm
 Size.....31.5 x 175.8 mm
 Overall Weight276 g
 Motor (MEX20) Weight.....176 g

ITEM NUMBER
MEX211

High Torque

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-15,000 rpm
 Max Shaft Output..... 38.9 W
 Max Shaft Torque..... 8.8 N/cm.
 Size.....31.5 x 175.8 mm
 Overall Weight276 g
 Motor (MEX21) Weight.....176 g

ITEM NUMBER
MEX121

High Torque

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-20,000 rpm
 Max Shaft Output..... 32.4 W
 Max Shaft Torque.....6.4 N/cm.
 Size.....27.5 x 163.5 mm
 Overall Weight220 g
 Motor (MEX 12) Weight.....120 g



ITEM NUMBER
MEX231

All-Arounder

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-30,000 rpm
 Max Shaft Output.....56.4 W
 Max Shaft Torque.....6.8 N/cm
 Size.....31.5 x 175.8 mm
 Overall Weight276 g
 Motor (MEX23) Weight.....176 g

ITEM NUMBER
MEX131

All-Arounder

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-35,000 rpm
 Max Shaft Output..... 50.5 W
 Max Shaft Torque.....5.4 N/cm.
 Size.....27.5 x 163.5 mm
 Overall Weight220 g
 Motor (MEX13) Weight.....120 g

ITEM NUMBER
MEX051

High Speed

Rated Input Voltage0-30 D.C.V.
 Rotation Speed..... 1,000-55,000 rpm
 Max Shaft Output..... 45.2 W
 Max Shaft Torque.....3.6 N/cm.
 Size.....27.5 x 153.0 mm
 Overall Weight190 g
 Motor (MEX05) Weight.....90 g



*Standard Head MJA15 comes with all handpieces.

Note: Due to improved design, "D" Series motors and heads are not interchangeable with previous models.

Maxima EX Series Motors | Accessory Heads

ITEM NUMBER	DESCRIPTION
MEX20	1,000 ~ 8,000 RPM / TORQUE OUTPUT 9.8N/CM
MEX21	1,000 ~ 15,000 RPM / TORQUE OUTPUT 8.8N/CM
MEX12	1,000 ~ 20,000 RPM / TORQUE OUTPUT 6.4N/CM
MEX23	1,000 ~ 30,000 RPM / TORQUE OUTPUT 6.8N/CM
MEX13	1,000 ~ 35,000 RPM / TORQUE OUTPUT 5.4N/CM
MEX05	2,000 ~ 55,000 RPM / TORQUE OUTPUT 3.6N/CM



NOTE: Due to improved design, "D" series motors and heads are not interchangeable with previous models.

Accessory Heads

STANDARD HEAD

MODEL MJA15

Standard collet sizes: 2.35 mm and 3.175 mm
Special collet size: 3.0 mm
Use with motors: MEX23, MEX21, MEX20
Weight: 100 g

ITEM NUMBER
MJA15



ITEM NUMBER
MJA33

HEAVY-DUTY HEAD

MODEL MJA33

Standard collet size: 6.35 mm
Special collet sizes: 3.0 or 6.0 mm
Use with motors: MEX23, MEX21, MEX20
Weight: 150 g

SLENDER HEAD

MODEL MJA45

Standard collet size: 3.175 mm
Special collet sizes: 2.35 or 3.0 mm
Use with motors: MEX23, MEX21, MEX20
Weight: 120 g

ITEM NUMBER
MJA45



ITEM NUMBER
MJR21

90° ANGLE HEAD

MODEL MJR21

Standard collet size: 3.0 mm and 3.175 mm
Special collet sizes: 2.35 mm
Use with motors: MEX21, MEX20
Weight: 200 g

120° ANGLE HEAD

MODEL MJS21

Standard collet size: 3.0 mm and 3.175 mm
Special collet sizes: 2.35 mm
Use with motors: MEX21, MEX20
Weight: 210 g

ITEM NUMBER
MJS21



ITEM NUMBER
MJP11

SWING HEAD

MODEL MJP11

Tool shank: 2.0-4.7 mm
Use with motors: MEX20
Weight: 140 g