

# endo



# J.MORITA



## **ROTARY MASTER** Electric Low-Speed Motor

Rotary Master is a lightweight, ergonomically designed, low-speed electric motor. The controls are very user friendly and the operating speed is consistent, regardless of the load applied to the rotary file. It is compatible with any nickel titanium rotary file system. Rotary Master comes with a 16:1 contra angle and boasts one of the smallest contra heads on the market. Variable speed allows the unit to be used for a wide variety of both general and endodontic procedures. Other features include a large digital rpm display and touch-panel adjustments, including motor reverse. The 1:1 contra angle and automatic crown and bridge remover are optional.

To order, or for more information,  
call 888-JMORITA (566-7482) or contact  
your dealer.

## **Rotary Master**

### **Small Contra Head**

Revolutionary mini contra head increases access and visibility.

### **Consistent rpm**

Microprocessor provides control for precise and consistent rpm.

### **Large Display**

Large digital rpm display for easy viewing.

### **Lightweight**

Contra angle and motor are incredibly lightweight, dramatically reducing hand fatigue.

### **Variable Speed**

Allows unit to be used for a wide variety of both general and endodontic procedures.

### **Any Attachment**

Utilizes Any E-type attachment.

### **Forward And Reverse**

Easily accessible forward and reverse buttons on the front display panel.

### **Contra Heads**

16:1 Standard Contra Angle (included), 16:1 Long-Neck Contra Angle provides an extra 8 mm of length (optional), 1:1 Contra Angle (optional).

### **Constant Speed**

Selected operating speed is maintained regardless of the load applied to the rotary file.

### **Speed Range**

3,000 rpm - 30,000 rpm with 1:1 contra angle  
200 rpm - 1,700 rpm with 16:1 contra angle

### **Torque**

Max torque 2.94 N cm (300 g cm)

**J.MORITA**  
USA INC.

WWW.JMORITAUSA.COM

# CONTRA ANGLES

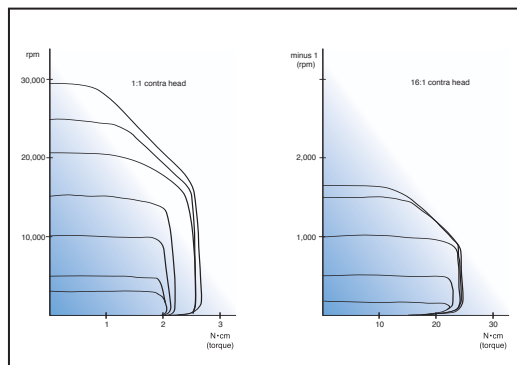


16:1 Standard Contra Angle - included



16:1 Long-Neck Contra Angle - optional provides an extra 8 mm of length

1:1 Contra Angle (not shown) - optional



Graph shown demonstrates that selected operating speed is maintained, regardless of the load applied to the rotary file.

Unit includes: 16:1 contra angle, power cord, handpiece motor with cord, foot pedal, and motor control console.

Control Console	
Power source	120 VAC, 230 VAC
Output	24 VDC, 0.5 A
Power consumption	31 VA
Weight	1,720 g
Dimensions (WxDxH)	157 x 210 x 114 mm

Motor and Handpiece	
Motor dimensions	L = 96.7 mm D = Ø24 mm
Motor weight	114 g
Handpiece dimensions	L = 100 mm D = Ø19.6 mm
Handpiece weight	52 g
Speed range	1:1 contra angle 3,000 rpm - 30,000 rpm 16:1 contra angle 200 rpm - 1,700 rpm
Max torque	2.94 Ncm (300 gcm)

## Ordering Information

- 24-500120 Rotary Master (16:1)
- 24-500120L Rotary Master (16:1 Long Neck)

## Replacement Parts

- 24-505016 Contra Angle 16:1
- 24-505016L Contra Angle 16:1 Long-Neck
- 24-505001 Contra Angle 1:1
- 24-510010 Power Cord
- 24-510020 Foot Pedal Assembly
- 24-510030 Handpiece Motor with Cord
- 24-510040 Extension Cord for Handpiece Motor
- 24-510060 Motor Control Console

## RELATED PRODUCTS



### ROOT ZX II

Apex Locator with Optional Low Speed Handpiece

Recently updated, the world's best selling apex locator offers enhancements for the latest in endodontic solutions. A new design offers a larger, easy to read display screen, greater stability during procedures, shock resistance and an upgrade option to low speed handpiece. Other features include: ability to work in wet canals, no zero-adjustment, automatic calibration and superior technology for unmatched clinical accuracy.



### CF CARBON FIBER POST & GF GLASS FIBER POST

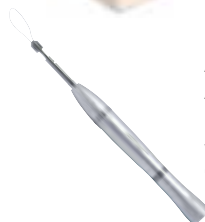
Carbon fiber is very strong and almost unbreakable. These posts consist of strong carbon fiber bundles embedded in a special composite material, which will mix and naturally bind with the dental material used for cementing and core build-up. Glass fiber is the perfect material when you want to obtain the advantages of carbon fiber combined with superior esthetic results.



### TRI AUTO ZX

Cordless Endodontic Handpiece with Apex Locator

Tri Auto ZX is the world's only cordless endodontic handpiece with a built-in apex locator, giving the clinician the capability and convenience to electronically monitor the root canal before, during and after instrumentation. Tri Auto ZX offers superior control and flexibility with adjustable torque settings, while choice of automatic or manual mode operation provides versatility.



### ATD

Automatic Crown & Bridge Remover

Removes crowns and bridges using vibrational harmonics and variable tapping force. ATD breaks the seal of cement without risk of damage to tooth, periodontium or the prosthesis.



Root ZX was honored with the **REALITY** Five Star Award, **THE DENTAL ADVISOR** Preferred Product Award and the Townie Choice Award.

Tri Auto ZX received **THE DENTAL ADVISOR** Editors' Choice Award and 100% approval rating from an **Independent Research Institute**.

Rotary Master received a 4+ rating from **THE DENTAL ADVISOR**.