

MX2 Micro-Series

+++++



The award of **Editors' Choice** signifies the most unique and significant product in the issue. The editors review each product and clinical evaluation article scheduled for an issue and then select the issue's Editors' Choice.

Bien-Air USA, Inc

800.433.BIEN - 949.477.6050

www.bienair.com



Consultants' Comments

- “Easy to use within the mouth.”
- “I liked the ease of attaching the handpiece.”
- “Illumination was super – very bright.”
- “Many programs available and they can be customized.”
- “Short attachments make access to 2nd molars somewhat difficult.”
- “Programming the control unit could be more intuitive.”
- “Improve the instruction card for cleaning and sterilizing.”
- “Provide a short coupler for cleaning and lubricating the attachments on my handpiece maintenance unit.”

Description

The **MX2 Micro-Series** is an electric handpiece system that is shorter and lighter than other models. The **MX2 LED Micromotor** combined with the new Micro-Series handpieces provides a unit which is purported to be 30% shorter and 23% lighter. The motor connects to the **Optima MX2** control unit that features adjustable intensity LED light, a speed range from 100-40,000 rpm, and a touchpad console for precise selection of motor speed, rotation direction and torque. The unit offers an auto-reverse setting, ideal for endodontic applications. This system will connect to any existing dental unit and uses an existing foot control to regulate motor speed. The **Optima MX2 INT Pro** system has a total of 20 programs (10 preset and 10 customizable) in the Operative mode. It also contains a separate Endo mode, which also has a total of 20 programs (10 preset and 10

customizable). The *Optima MX2 INT Pro* system allows for customized programming of motor torque (Ncm), speed (rpm), and handpiece gear ratio settings in Operative and Endo programs. The *MX2 LED* micromotor is brushless and contains lifetime-lubricated ball bearings, allowing it to be a fully sterilizable, maintenance-free product. The motor is air cooled, includes internal water spray and is compatible with any E-type high- or low-speed handpiece. The *Micro-Series CA 1:5 L* and *CA 1:1 L* attachments both feature *ACCU-CHUCK* (bur locking); *ACCU-SPRAY* - six separate air and water nozzles to air disperse the water to a highly precise point before contact with the bur; *SOFT-PUSH* and *COOL-TOUCH* push button bur change mechanism with an anti-heating safety system; as well as *DUAL-LOOK* - two glass fiber rods that provide an enveloping, non-dazzling light. The system includes the *MX2 Micromotor* and swivel tubing, *DMX2* control board, *MX2 INT Pro Touchpad*, power supply, operators manual, and product literature. The *Micro-Series CA 1.5 L* and *CA 1.1 L* attachment are sold separately. ***MX2 Micro-Series*** was evaluated by five consultants in 1200 uses. It received a 96% clinical rating.

Suggested Retail Cost

\$3,260.00/Optima MX2 INT Pro System

\$1,435.00/Micro-Series CA 1:5L Handpiece

\$1,300.00/Micro-Series CA 1:1L Handpiece

Product Features

Consultants reported that ***MX2 Micro-Series*** electric motor and attachments were easy to use. The micromotor nose is approximately 10 mm shorter than a standard motor; therefore, shorter handpiece attachments can be used. The *Micro-Series* contra-angle attachments are designed to be used with the ***MX2*** micro-motor, but they do not fit on other non-Bien Air motors. The attachments firmly snap on and off of the motor with a positive seat. Balance of the handpiece is very good, and the lighter weight is a positive feature. The bright LEDs provide excellent illumination, and the water spray keeps the working area clear of debris. The pre-set and customizable programs provide many options, but some consultants found the interface too complicated and inconvenient to use. Instructions for lubrication and maintenance could be improved. Sixty percent of consultants reported that ***MX2 Micro-Series*** was better than their current electric handpiece system and 20% reported it was equivalent. Twenty percent would switch to ***MX2 Micro-Series*** and 60% would recommend it.