

OPTIMA

WORK SMARTER.

MICROMOTOR
CONTROL UNIT

UP TO
4 YEARS
WARRANTY



SWISS  MADE

MORE PERFORMANCE WITH LESS INVESTMENT.

The advantages of the electric handpiece over its air-driven counterpart are most apparent when measuring a dental practice's efficiency and productivity. Because of its high cutting power and constant torque, the electric handpiece allows for procedures to be completed faster. This gives dentists the possibility to optimize their time and take on new patients. While everyone wants a more efficient and productive business, the costs associated with transitioning to the adequate dental unit can be considerable.

This is when the OPTIMA comes into play.

This ingenious system lets you experience the benefits of brushless micromotor technology on any unit and at the most affordable price. The OPTIMA is Bien-Air's colorful solution to make things work for you.



SIMPLICITY IS A COMPETITIVE ADVANTAGE.

The least complicated things often turn out to be the most efficient. From its practical design to its seamless setup and operation, every aspect of the OPTIMA was thought-out with simplicity in mind.



Connect electric handpieces on any delivery unit with remarkable ease.

- **HOOK UP** your existing turbine supply hose to the OPTIMA control box and you are ready to go. No technician and no special skills required.
- **CHOOSE** your maximum speed on the OPTIMA control box and operate your electric handpiece using your unit's existing foot pedal.

THE MCX-LED BRUSHLESS MICROMOTOR. RELIABLE ENDURANCE.

With close to one million pieces shipped worldwide, Bien-Air's prize-winning electric motors are indisputably the most popular on the market today. They redefine modern dental standards with superior precision and ergonomics.

An integral part of the OPTIMA system, the last generation MCX-LED motor features brushless technology for superlative performance in both high- and lowspeed procedures.

GREATER POWER AND MORE TORQUE. A major attribute of the MCX-LED motor is its elevated power output with constant torque for swift and effortless use.

ACCURATE COMMAND. The proprietary **Smart Logic™** electronic control lends the MCX-LED motor a stepless, vibration-free rotation for the most meticulous and precise dental work.

MAINTENANCE-FREE. The MCX-LED motor's ball bearings are greased for life making post-usage lubrication expendable. Built to withstand repeated sterilization cycles, the strictest hygiene standards are upheld.



BIEN-AIR MICRO-SERIES. UP TO 30 PERCENT SHORTER AND 23 PERCENT LIGHTER.

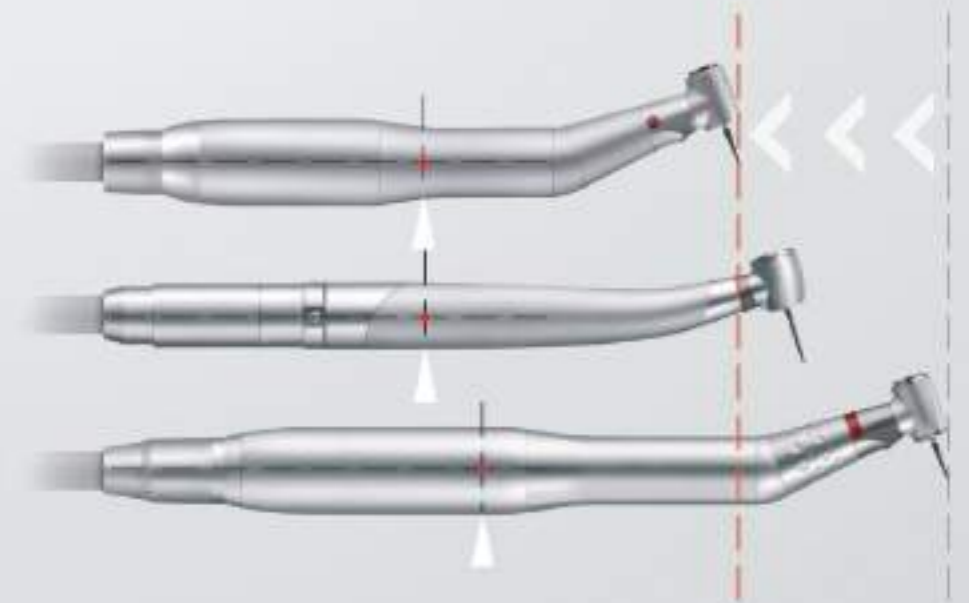
The MCX-LED motor is significantly smaller and lighter than conventional models. Use it with Micro-Series instruments for a micromotor/instrument assembly that is shorter than a turbine, guaranteeing optimal balance and reduced hand fatigue.



Micro-Series Combination

Turbine

Standard Combination



7 DEFINING FEATURES OF THE OPTIMA.

UP TO 4 YEARS WARRANTY¹

Forward/reverse operation
for improved flexibility and versatility



Smart Logic™ control
for adjustable speed

Life-time lubricated ball bearings
for maintenance-free advantage

LED light
for optimal illumination

micro
SERIES

Brushless technology
for extended service life



Sterilizable
without protection

Gold Connect
for excellent electrical conductivity
and improved resistance to oxidation



Reference

- Optima White 1700588-001
- Optima Blue 1700596-001
- Optima Orange 1700597-001
- Optima Green 1700598-001
- Optima Pink 1700599-001

TECHNICAL DATA.



MOTOR

Designation	MCX-LED
Type	Brushless, internal spray
Applications	Restorative - Prophylaxis
Endodontics function	N/A
Speed range	1,000-40,000 rpm
Maximum torque	2.5 Ncm
Torque control	No
Weight	78 g
Dimensions	Ø 21mm x 42mm
Light	LED
Ball bearings	Life-time lubricated ball bearings
Sterilizable	Yes, without protection
Hose mounting/rotation	Screw/0°
Warranty	3-4 years ¹

TABLETOP CONTROL UNIT

Interface	-
Weight	0.6 kg
Dimensions (LxWxH)	125x145x75mm
Power pack voltage/frequency	100-240 VAC/47-63 Hz
Color	Pastel Orange, Limetree Green, Light Blue, Pink, White
Warranty	2-3 years ¹
Reference	1700588-001 (White)

¹ Bien-Air standard warranty and 1-year optional warranty available through Bien-Air's PlanCare extended warranty program. Information on www.bienair.com.



For more information
www.bienair.com



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